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PLANT EXPLORATION
AND INTRODUCTION
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WARD, PEARMAN, S.
Wayside Gardens



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OFFICE OF THE DIRECTOR
WASHINGTON
1936





ROOT STRENGTH

IS

of Particular Importance to Buyers

AS you read through the pages of this book we ask you to bear in mind that we are submitting for your approval something in excess of merely flowering bulbs, flowering plants or rose bushes as such.

The vital something is the intangible quality of "Root Strength." That something which is your definite assurance that your garden, planted with Wayside plants and bulbs, will the **first** season, be a spot of satisfaction and exceptional beauty. Note we say the first season.

There has been no effort on our part to compete with the ordinary low-priced plants and

bulbs. Common sense tells you that can't be done when every plant we offer is of highest quality.

"Root Strength" quality is not always noticeable to your eye until the flower season arrives. Then the outstanding difference becomes decidedly apparent.

All inferior or indifferent plants have been discarded, and replaced by the finest varieties at reasonable prices. This is possible because we offer no novelties until we have first tested them and then produced them in goodly numbers, giving you the benefit of quantity production.

Correct and Complete Cultural Information Makes the Wayside Gardens Co. Catalogs Valuable

Wayside Gardens Catalogs are more than just price lists.

They contain complete cultural information for all plants offered, as well as being a guide to all worth-while new plants, bulbs or seeds.

Public libraries, schools, garden clubs and thousands of enthusiastic gardeners throughout the country use Wayside Gardens Catalogs as text and reference books.

To be able to give all this additional information and continue to render this much needed service to gardeners, it is necessary that we receive a fair compensation. An order for a reasonable amount will enable us to continue to comply with the many requests for a worth-while catalog.

If the catalog is desired simply for reference, 25c will pay us for its actual cost of printing and mailing.

Your earnest co-operation will be greatly appreciated.

SUCCESS COSTS SO MUCH LESS THAN FAILURE

It is the "Root Strength" in all Wayside Plants that so largely determines and insures your garden success. So why take chances when Wayside plants are your guarantee of satisfactory results?

The Wayside Gardens Co

MENTOR, OHIO



That Wondrous New Phlox "Columbia"

Plant Patent No. 118

By Far the Finest Light Pink Phlox Ever Introduced

The color suggests a delicate cameo-pink with faint blue shading at center. The effect created by a well grown plant is exquisite and never before seen in Phlox.

The clearness of tone is remarkable, the brilliancy is so pronounced that immediate attention is given to this wonderful plant. As the flower ages, the blooms always retain their delicate pink shade; there never are any so-called purple tones visible.

Out of each leaf joint grows a lateral or secondary flower spike continuing the display of blooms long after the main flower head has disappeared. Columbia is therefore well called the perpetual flowering Phlox.

Of great importance is the habit of Phlox Columbia, its strength and vigor is something rarely seen in plants. A well grown, two year plant will produce from 6 to 15 flower spikes. The foliage is rich, dark green, leaves covering the stems down to the ground. The

flower stalks are about 2½ feet high, stiff and erect. The flowers last over a week in water when cut.

We modestly claim it to be the best "Phlox" addition to the hardy plant garden during the past ten years.

Mrs. Francis King, America's great garden authority who came especially to view Phlox Columbia in the nurseries writes as follows:

"Columbia, the new cameo-pink Phlox which has just risen on the garden horizon is of most exquisite beauty. A soft pink recalling that of Elizabeth Campbell, but lighter, more delicate and with a small white eye and very light blue halo which has a charming effect upon the general color of the flower. The Phlox grows to two or two and a half feet, and is very bushy. Altogether an amazingly good addition to the list of plants which give color and richness to the midsummer border."

PHLOX COLUMBIA

Place your order now for the greatest Phlox you ever saw.

To each plant of Phlox Columbia sent out by Wayside Gardens is attached a wooden label with the plant patent number 118. Plants offered for sale without this number and label are not true!

Note the moderate prices!

Each	\$0.50
Three for	1.25
Dozen	4.50

Illustrated in color on page A.





Some Friendly Suggestions To Help You in Making Selections

Isn't it so, that when you mull over a catalog filled with so many splendid new things, and the finest of the old ones, as this one is, you are often at a loss as to what to select?

With that in mind, we thought you might welcome some comments and suggestions from our grower in charge of the nursery, the man who is constantly in touch with all the new plants and knows their real worth.

So on the first few pages that follow he talks with you about the things he feels particularly deserve a place in your garden and grounds. All of them are further described and illustrated—some in color—throughout the catalog.

All the plants he mentions are the newer and better ones. If you asked us to make a garden, we would use each and every one of the varieties described.

We cannot refrain right here from telling you that a very fine collection of herbs is offered on Page 30 of our seed catalog which was mailed to you a few days ago. The tremendous interest in herbs has prompted us to grow and offer the better and more useful varieties. So many herb gardens are being planted that it promises fair America will have as many fine cooks as now are found in France. Thank Heaven no longer shall we be known as a "one sauce nation".



ROOT STRENGTH



Aquilegia, Crimson Star

Aquilegia, Crimson Star

From England came three years ago a remarkable Columbine. The flowers are of immense size and of a most attractive dull crimson-red, having a white corolla. The sharp contrast between the two shades is very striking and regardless of the fact that you may not like red, you will greatly admire and enjoy owning the Aquilegia Crimson Star. Next year we hope to illustrate this in color, but have only a limited number of plants to offer for this year. A black and white illustration above will give you a fair idea of what it looks like.

Agapanthus Blue Nile Lily

Agapanthus Mooreanus. Here we have a small form of the Blue Lily of the Nile. The large form, Agapanthus Umbellatus, as you know is used extensively as a summer decoration on porches and near pools. It is put in tubs and makes a splendid plant that can stand great heat and blazing sun. Mooreanus is too small for tub work, but is a lovely subject planted right in the garden next to the pool in the rock garden. The blue flowers look cool, and blend well with the water scenery. The foliage is highly ornamental. Mooreanus is hardy with reasonable protection. Common Umbellatus not. Illustrated on page 5.

Anemone, September Charm

Many people who live in those sections of the country where Japanese Anemones do not bloom to perfection, should try September Charm, which is an improved form of Hupehensis. Blooms early, very free, shows signs of being a little hardier than the average Japanese Anemone and it is a grand thing for display in autumn in the small garden. In color on page G.

Asters, Amethyst and Dazzler

Two beautiful, tall fall Asters were imported from England in 1934. At that time we paid \$5.00 per plant, but have propagated them so that we are now able to offer them here at a most reasonable price. This, as you no doubt know, is a practice with us.

Ernest Ballard, the originator of these two varieties describes Amethyst as the nearest double, purple-blue Aster in existence and claims there is nothing like it. In comparing this variety with others, Amethyst is unquestionably the best one in our collection. If you have a fairly large garden and like the fall-flowering plants, by all means dig up some of the older things and plant Amethyst and Dazzler in their place.

Of Dazzler, Mr. Ballard says that the flowers are semi-double and the color is a brilliant rosy red. It is an entirely new shade in Asters. The plant is open and rigid and freely branching. A great advance over any other varieties of this same shade.

While speaking of Dazzler and Amethyst, we must not forget the varieties Sunset and Alderman Volkes which made a remarkable showing this fall.

New Dwarf Hybrid Border Asters

New Dwarf Hybrid Border Asters or Aster Dumosus Hybrids are a wonderful acquisition because they provide an abundance of color in the rock garden late in the summer, and as edging plants to flower beds or borders they are indispensable. Anyone planning a garden which must be at its best in late summer or fall cannot do without the New Dwarf Asters. There are several varieties of it available. Some are illustrated in color on page E.

Korean Chrysanthemums

The Korean Chrysanthemums are in a class by themselves. They are now available in a number of varieties, and are unquestionably one of the finest early fall-flowering plants of recent years. Excellent for cutting and marvelous for garden display and last but not least, hardy!



Aster Frikarti, Wonder of Staffa

Aster Frikarti, Wonder of Staffa

Aster Frikarti, Wonder of Staffa, lavender-blue flowers from 2 to 2½ inches across, on stems about 20 to 24 inches tall, produced from June 1st until the middle of November. The plant does exceedingly well in light shade and comes to perfection in full sun. There never is a day when the stems are not loaded with flowers, buds appearing in each leaf joint. We consider it the finest garden plant in that color introduced during the last twenty years. Illustrated above.

Garden Chrysanthemums Six Favorites

Garden Chrysanthemums are the backbone of the garden, and through the untiring efforts by a number of growers as well as ourselves, we have been able to advance the flowering time of this most useful plant by at least four weeks. All varieties which are now offered, bloom during September and October, before the arrival of frost. Practically the entire list of varieties offered are new kinds, but we can not refrain from mentioning six of our favorites which are as follows, illustrated in color on page I.

Louisa Schling
Marian Hutton
Maanlight

Granny Scoville
Provence
Early Bronze



Coronilla Cappadocica Golden Vetch

Three months in flower

A low growing, creeping plant with clover-like leaves of a beautiful green. The foliage is green practically throughout the winter. During June, July and August the plants are completely hidden by a crop of pale yellow, Lupine-like blooms. It is a splendid edging plant for beds, or walks and a very welcome subject for the rock garden which is bare of bloom during that part of the summer. The plant is not new. We have offered it for the last three or four years, but it is practically unknown in this country. It is illustrated in color on page C.

White Hybrid Delphiniums

4 to 6 feet tall

The habit of growth and blooming of the White Hybrid Delphiniums is the same as that of the usual blue forms. The flowers are pure white, are single, semi-double and double on strong spikes about 4 to 6 feet tall. They look best when planted in groups of three or more reasonably close to the blue members of their family. Illustrated in color on page B.

Erythraea Diffusa

Pink Gentian

While we are on the subject of small and charming plants, we must not overlook Erythraea Diffusa which is often called the Pink Gentian. A most attractive small plant literally covered with pink, star-like blossoms during July and August.

Papaver Art Shades, or the new mixture of Iceland Poppies vie with the Erythraeas for daintiness and brilliancy of color.

Another Choice Pink Bloomer

Another most useful small plant is Tunica Saxifraga Flore Pleno. It is one of those subjects which does not ask a great deal in the matter of care or soils but it produces its double pink flowers throughout the summer and early fall in great abundance.

Teucrium Chamaedrys

For edging beds.

Teucrium Chamaedrys is not altogether a new plant but is only just now receiving its due reward, and should not be omitted. It is a "God-send" for those sections of the country where Boxwood as an edging plant cannot be used for lack of hardiness. Flower beds edged with the thin clear looking Teucrium Chamaedrys and trimmed make just as rich an appearance as if they were edged with Boxwood.

Gaillardia, Sun God

Chamois-yellow, 3- to 4-inch blooms

Here we have one of the finest new plants for 1936. Like all Gaillardias, no matter how hot or how dry, an abundant amount of cut flowers is always available from Sun God.

The stems are about 24 inches long. The flowers are 3 to 4 inches in diameter and of the loveliest chamois-yellow imaginable. The harsh "hot" yellow of most of the summer flowers is totally absent instead of which we have a lovely clear buff tone so rare to obtain. Anyone who is familiar with the color of the Nankeen Lily (Lilium Testaceum), will have a fair idea of this lovely new introduction. In color on page H.

Primula, Moerheim Hybrids

Pastel colors

Where these are planted in rich soil and where they are able to get an abundance of moisture they will grow to perfection. Their lovely pastel colors range largely in tones of amber-yellow and pink resembling the shades of the Gladiolus Primulinus. Bloom in June and grow often 2 feet high. Wonderful for cutting and a great plant for a moist shady place.

Double Russian Violet

For a shady, moist place in the garden we must plant the Double Russian Violets. This is a rare double flowered variety noted for its strong fragrance. It is rather slow growing but when once established is a real acquisition. In early summer.

Helleborus or Lenten Rose

The White Christmas Rose is rather difficult to grow. The Hybrid Oriental Helleborus are much easier established and we have a fine lot in very interesting colors ranging from white through pale green and all the tones of brown, bronze, into the deepest shades of chocolate. Unlike the Christmas Rose which is white and blooms during the winter, the Helleborus Orientalis bloom in early spring and are known in Europe as the Lenten Rose. They have very ornamental foliage and are most interesting subjects planted at the base of evergreens or other difficult shady locations where ornamental leaf and interesting bloom is desired.

Hemerocallis, Hyperion

Citron-yellow

Hemerocallis Hyperion, bar none, is the finest Hemerocallis in existence. The color of the bloom is citron-yellow, wide open and produced in abundance.

Iris Dichotoma Vesper-Iris

No lover of Iris or for that matter plants, should be without a few of these Iris in his garden. Dichotoma does not make the gaudy display the Japanese and German Iris do, but throughout the months of July and August a number of most interesting small blossoms are in bloom late in the afternoon. This variety is very valuable, attractive and unusual in the rock garden.

New German Iris

The renewed interest in German Iris prompts us to tell you about the many splendid novelties and new things we are offering this year for the first time. Why not give away some of the older varieties you now have to less fortunate acquaintances and pep up your garden with some of the lovely new varieties which you will find listed on page 32.

New English Phlox

From England came Phlox Daily Sketch. The flowers are a much deeper pink than Columbia—more a salmon-pink with a strong magenta eye. It is a marvelous grower, tremendous flower and a most useful variety.

Perovskia Atriplicifolia or Russian Sage

Perovskia Atriplicifolia is another plant we would like to see planted in large quantities. We have had this on our nursery now for two years. Its common name is Russian Sage.

The habit of the plant is bushy. During July and August and early September, the plants are covered with long whorls of silvery blue flowers which have a lovely, graceful appearance. The woody flower stalks are approximately 30 inches to 3 feet long and are splendid for cutting. The florists like this flower particularly for cutting because it combines beautifully with Dahlias, Gladioli and the taller summer flowers. The foliage is pale gray. The plant is wavy, giving a silvery smoky effect. Everyone says that it takes the place of Gypsophila or Baby's Breath which is so popular

Lonicera Tellmanniana Golden Honeysuckle

A lovely, fast growing vine and a great improvement over the common Honeysuckle. The leaves are large and clean, giving a very ornamental effect. The blooms which are produced in good sized clusters are golden in color and very fragrant, are much longer and conspicuous than in the common varieties of Honeysuckle. Altogether a fine climber for shady or sunny porches or trellises.

Fine Lilac Buddleia, Fortune

(Patent Applied For).

Buddleia Fortune is a very worth-while improvement over the common Buddleia (Butterfly Bush). In the first place this new plant is much neater in habit of growth. It does not choke out surrounding plants which is one of the objectionable habits of all the old Buddleias.

Fortune is a splendid variety for the hardy border as well as in front of the shrub border. The numerous branches are all tipped with flower spikes measuring 12 to 18 inches long. Instead of being flat these racemes are round and full. The flowers are in bloom from base to tip almost all at the same time. No other variety equals it as a cut flower lasting well in water. The color is a true lilac, a most desirable shade. Altogether, Buddleia Fortune is a fine acquisition. Illustrated in color on page N.

Heath or Heather

Dwarf evergreen ground covering

A group of plants which is practically unknown is the Heaths and Heathers or known as Calluna or Erica. All of them are most useful dwarf evergreen ground covering plants and south of Cleveland should be found in every sheltered nook in the rock garden or as a base planting to evergreens.

One variety in particular do we want to mention and this is Erica Darleysis, a dwarf evergreen plant not unlike the Daphne, but in bloom during late winter and early summer. It is one of the loveliest, early, small, spring-flowering shrubs we know of. Everyone who grows this variety will be very pleased with it.

Aside from this, however, no garden is complete without a liberal planting of all the Heathers.

New Roses

Lack of room prevents going into a detailed description of the many new varieties that have been introduced during the last few years, and for many, very broad claims have been made. We cannot refrain, however, to add our praise to such varieties as Joanna Hill—a beautiful, clear yellow; Etoile de Hollande, one of the finest reds and we have great expectations of the new climbing variety Dubloons offered for the first time this year. The percentage of this Rose is unusual, and it promises to be one of the finest and one of the hardiest of yellow Climbing Roses in existence.

The Dwarf of Dwarfs

We also want to tell you about Rosa Rouletti. This is one of the, if not the, smallest Rose in commerce today. While it is an interesting article in the rock garden, its usefulness has not been appreciated yet as an edging plant, and for a border around Rose beds, it has few equals. It is illustrated in color on page O. The total height of this plant is rarely over eight inches and it is constantly in bloom.

Nepeta, Souvenir de Andre Chaudron

Pole blue blooms

This is a very fine gray-leaved plant of upright growth. The flowers are pale blue and produced throughout the entire summer. Do not confuse this variety with the Nepeta Musini, the prostrate variety used in rock gardens. Souvenir de Andre Chaudron is a splendid plant for the border and it does exceedingly well in hot, dry places. It is not only a satisfactory new border plant, but an exceptionally good item for cutting.





New Evergreen Barberry

BERBERIS MENTORENSIS

Plant Patent No. 99

Berberis Mentorensis or better known as the Mentor Barberry is the result of a cross between Barberry Thunbergi and Barberry Juliana. The leaves of this fine shrub are similar in shape to those of Thunbergi, but they are more leathery in structure. The plant is called a semi-evergreen Barberry because the foliage is not dropped in the cold sections of the country until well into February. The further south we go, the longer the leaves remain. The foliage color is a deep rich

green, contrasting very handsomely with the snow and surrounding lighter foliage plants. New leaves are produced very early in the spring. The Mentor Barberry is the only broad-leaved evergreen shrub that can be grown successfully and without special preparation on alkaline soils. It can be bought at a moderate price. The plant produces no seed. It is perfectly hardy and it is a most artistic plant for hedges or ornamental plantings.

There are five outstanding points of superiority about this Barberry:

First—it is evergreen practically the year around. Think what that means.

Second—its sturdy, erect growth carries a thick dark green foliage right down to the ground. Is never bare-legged.

Third—when used for a hedge, its thorny, strong growth forms a formidable barrier to man or beast.

Fourth—needs practically no pruning. Observe its erect growth which becomes dense when the plant is three or four years old.

Fifth—combined in a foundation planting with evergreens, it provides a beautiful and artistic contrast at very small expense and without elaborate preparation of soil.

A very important trait of this Barberry is that it is not "choosy" about where it grows. No matter if you can't make other broad-leaf evergreens, such as Azaleas and Rhododendrons, thrive in your soil, this new Barberry will. It is equally at home whether it is acid or alkaline soil.

Bushy, young stock, 12 to 15 inches tall:
\$35.00 per 100
\$4.75 per 12

\$1.50 per 3
\$0.60 each

A No. 1 plants, 18 to 24 inches tall:
\$45.00 per 100
\$6.00 per 12

\$2.00 per 3
\$0.75 each

Bushy plants, 24 to 30 inches tall:
\$55.00 per 100
\$8.00 per 12

\$2.75 per 3
\$1.00 each

p. s.

Allow us to again say, it is the nearest reasonable cost perfect shrub for foundation planting and hedges that we know about.





Hardy Herbaceous and Alpine Plants

(Hardy Border and Rock Plants)

Gardeners and lovers of flowers know about the importance of Hardy Perennial plants in the garden. Beginners, we would like to tell that these plants are long lived and with modest care and attention grow larger and finer from year to year. They exist in infinite variety ranging from the tiniest edging of rock plant to tall stately robust plants for backgrounds in larger garden.

Careful selection of plants will enable you to enjoy hardy flowers from earliest spring until snow. Masses of bloom may be had long before the annuals show color.

The most successful and colorful hardy gardens are those which

ACHILLEA – Milfoil or Yarrow

Showy rock and border perennials, some of which are valuable for cut flowers. Some have silvery and others elegantly cut foliage, which add considerably to the beauty of the plants.

Culture. All will succeed in any good, ordinary soil in sunny borders. A too rich soil should be avoided. Plant in autumn or early spring, 8 to 10 inches apart. As nearly all grow freely, it is advisable to lift, divide, and replant every third year. Directly after the plants cease flowering, cut the shoots back.

Eupatorium Three \$0.85, Doz. \$2.75, 100 \$18.00
(syn. *filipendula*). 3 to 4 feet. Flat heads of brilliant yellow flowers; finely cut foliage. Blooms last dried all winter.

Millefolium raseum Three \$0.85, Doz. \$2.75, 100 \$18.00
(Rosy Milfoil). July to October. Rosy pink flowers in dense heads, on stems 18 inches high. Effective on edge of shrubbery or in border.

Ptarmica, Perry's White Three \$1.00, Doz. \$3.00, 100 \$20.00
Large, pure white flowers; broad, overlapping petals. Nothing better for cutting. 1 to 2 feet. June to September.

Ptarmica, The Pearl Three \$0.85, Doz. \$2.75, 100 \$18.00
Pure white, double flowers all summer. Prized for cutting.

Ptarmica, Snowball Three \$0.85, Doz. \$2.75, 100 \$18.00
New. An improvement on "The Pearl", with fuller and more perfect flowers. Best for borders; neat plant.

***Sibirica** Three \$1.20, Doz. \$3.50, 100 \$25.00
(Mongolica). Noted for its graceful silvery leaves, white flowers in June and July. A splendid plant for dry exposed places. 12 inches.

***Tamentasa** Three \$1.00, Doz. \$3.00, 100 \$20.00
Bright yellow flowers. Excellent for rockeries; 6 to 8 inches. July to September. Plant 4 inches apart.

ACONITUM – Monkshood

Lovely late summer and autumn flowering perennials of stately growth, particularly adapted for shady or half-shady borders.

Culture. Aconitums will flourish in any good, ordinary soil that is fairly moist. They are especially suitable for shady or semi-shady position, and are best grown in groups of three or more. Plant in autumn or very early spring, 6 to 8 inches apart. They display their beauty to the best advantage when they have become well established and formed large clumps. It is, therefore, advisable not to disturb the plants frequently.

Autumnalis Three \$1.60, Doz. \$4.50, 100 \$35.00
September-October. Large, dark blue flowers in a raceme on 3 to 4 foot spikes.

Fischeri Three \$0.85, Doz. \$2.75, 100 \$18.00
A dwarf variety with dark blue flowers. September and October. 2 to 3 feet. This is the hardiest and most useful of all the Aconites.

Napellus Three \$1.20, Doz. \$3.50, 100 \$25.00
Upright, single spike reaching height of about 3 to 4 feet. The straight spike is covered during July and August with dark blue flowers.

Napellus bicolor Three \$1.40, Doz. \$4.00, 100 \$30.00
The same habit and flowering time as *Napellus*, listed above. The flowers are blue and white. Looks very fine in clumps of six or more.

Sparks' Variety Three \$1.20, Doz. \$3.50, 100 \$25.00
July- and August-flowering; tall branched spikes. 4 to 5 feet high, covered with deep blue flowers in great abundance.

Wilsani Three \$1.70, Doz. \$5.00, 100 \$40.00
The true variety which we are herewith offering is the late autumn-flowering kind, producing 6- to 7-foot spikes covered with beautiful mauve colored flowers. It is a very rare and lovely variety.

ADENOPHORA – Gland Bellflower

These closely resemble the *Campanulas*. They have coarsely serrated or entire leaves, and bear their drooping blue campanula-like flowers in loose branching spikes.

Culture. They require a deep rich, and fairly moist, well drained, loamy soil and a sunny position. Plant in fall or spring, 6 to 8 inches apart.

Patanini Three \$1.20, Doz. \$3.50, 100 \$25.00
A plant resembling *campanula*, but more shrubby in habit. Flower spikes are from 2 to 3 feet long, the bell-like flowers 1 1/4 inches across and light blue during July and August.

are planted early in the fall or early in spring and where three or more plants of one kind have been planted in a good sized single group. In the larger gardens it is best to use six or even a dozen plants of one variety. Create solid bold masses. Gardens so planted are easy to take care of and unquestionably the most satisfactory.

You, perhaps, know that Wayside Gardens are the best known, as well as the most critical, growers of Hardy Plants in the country. This reputation has been gained by painstaking caring for the needs of customers. We are ready to help you and sincerely hope that you will afford us this opportunity this year.

AETHIONEMA – Persian Candytuft

Dwarf rock plants of most fascinating character. The foliage is glaucous blue, stems are woody at the tips of which are produced rose and rose-pink flowers. Suitable for the rock garden or for grouping on the margins of borders.

Culture. All will thrive in ordinary, light, sandy or well drained, gravelly soil. Wet, heavy soils are unsuitable. They are especially adapted for sunny places in the rock garden. When plants are received cut back about one-half of branches. Plant in fall or very early spring, four to six inches apart.

***Grandiflorum** Three \$1.20, Doz. \$3.50, 100 \$25.00
12 inches high. Blue-green foliage which remains handsome all summer. During June the plant is covered with long spires of clear rose colored flowers.

***Persicum** Three \$1.20, Doz. \$3.50, 100 \$25.00
Strong twiggy bushes, covered with long, slender spikes of rosy pink flowers. One of our best rock plants. 9 inches. June-July flowering.

Pulchellum Three \$1.20, Doz. \$3.50, 100 \$25.00
Also called *Coridifolium*. A little beauty which branches freely with dense racemes of rosy lilac flowers.

AGAPANTHUS - Blue Lily of the Nile

Beautiful lily-like plants with graceful and ornamental foliage from the base of which springs straight stems topped with clusters of blue lily-like flowers.

Culture. Will thrive in any good ordinary garden soil in full sun or very light shade. Plant in spring. Protect in cold regions.

Umbellatus Plants in 6 inch pots, Each \$1.50, Doz. \$15.00
(Blue Lily of the Nile). A most desirable plant for decoration of terrace or formal pools. Planted in large pots or tubs on the lawn or piazza they make a very fine picture. They must be stored inside, however, in cold sections of the country as they are not hardy. Specimen plants, price on application.

***Umbellatus Mooreanus** Each 60c, Three \$1.70, Doz. \$5.00
Grows about 18 inches high, leaves rather short and upright; flowers are large and dark blue, as large as of *Umbellatus* itself. A lovely small plant for the rockery or near a small pool or stream. June, July and August flowering. Quite hardy.

Agapanthus Mooreanus



**AGROSTEMMA - Rose Champion or Joy of Love**

Stout, erect-growing plants with silvery foliage, which contrasts well with the showy flowers, which are produced during June and July.

Culture. All will thrive in ordinary soil in sunny borders. Coronaria, indeed will succeed in poor, sandy soils. Plant in autumn or spring, 8 to 10 inches apart.

Coronaria Three \$0.85, Doz. \$2.75, 100 \$18.00
(Mullein Pink). Bright rosy crimson flowers, 2½ to 3 feet high. Its silvery foliage and constant blooming make it a fine garden plant.

AJUGA - Bugle

Dwarf, creeping perennials. The leaves are a rich shiny green, and the shoots more or less creeping. Excellent plants for edging or carpeting bare spots. Suitable for sun or shade.

Culture. They will thrive in good, ordinary soil in sun or partial shade. They make excellent edging plants in shady borders or for shady spots in the rock garden where a quick growing plant is required, also excellent for carpeting ground under shade trees where grass will not grow. Plant in autumn or spring 6 inches apart.

***Genevensis** Three \$1.20, Doz. \$3.50, 100 \$25.00
Grows 6 to 8 inches high; dense spikes of blue flowers in May and June.

***Reptans rubro** Three \$1.00, Doz. \$3.00, 100 \$20.00
Grows 3 to 4 inches high, with deep purplish blue flowers in May and June.

ALYSSUM - Madwort; Basket of Gold

Attractive early-flowering perennials, suitable for growing on the margins of sunny borders or sunny places in the rock wall or rock garden.

Culture. The varieties offered will succeed in any good, ordinary soil which must be thoroughly drained. They are best grown in groups of three or more in the rock garden, or as edgings to beds. Plant in fall or spring, about 6 to 8 inches apart. Alyssum Saxatile is frequently used for carpeting beds planted with spring bulbs, and is very effective for that purpose.

***Argenteum** Three \$0.85, Doz. \$2.75, 100 \$18.00
Dense growing. Leaves silvery gray, flowers yellow in clustered heads. About 15 inches.

***Citrinum** Three \$1.00, Doz. \$3.00, 100 \$20.00
Similar to Saxatile, but flowers are pale citron-yellow. 1 foot.

***Saxatile compactum** Three \$0.85, Doz. \$2.75, 100 \$18.00
Big clusters of bright yellow flowers in early spring. An excellent plant for the rocky or front of borders. One of the best early yellow plants to sow with tulips; 12 inches high.

***Serpyllifolium** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Alpestre). Very dwarf. 4 to 5 inches high, with racemes of pale yellow flowers and rough gray leaves. Charming for the rock garden. Follows just after Saxatile is out of bloom.

***Spinulosum roseum** Three \$1.20, Doz. \$3.50, 100 \$25.00
A rare plant with handsome silvery gray foliage and fine pink flowers; a neat, small-leaved species remaining longer in beauty than any of the others. For wall or rock garden. 10 inches.

Wulfenianum Three \$1.00, Doz. \$3.00, 100 \$20.00
A fine compact and neat growing prostrate plant with dark green foliage and golden yellow flowers.

Achillea Tomentosa



Anemone Pulsatilla

ALLIUM

A very large family of bulbous plants practically found all over the world.

Culture. Grow in any good soil in sunny position in the rock garden. Plant three to five inches apart in autumn or spring.

Cernuum Three \$1.20, Doz. \$3.50, 100 \$25.00
Known as the "Nodding Garlic". A pretty plant 9-12 inches producing attractive pink nodding flowers.

Corinotum Three \$1.20, Doz. \$3.50, 100 \$25.00
A pretty species. Heads of violet-purple flowers in June and July. 9 to 12 inches high.

Senescens (Glaucum) Three \$1.20, Doz. \$3.50, 100 \$25.00
Daintily twisted blue-gray leaves and neat heads of pink flowers.

***Thibetica** Three \$1.00, Doz. \$3.00, 100 \$20.00
This variety was introduced from Thibet. Height 6 to 8 inches. Flowers on short stems in clusters are a lilac-mauve. Blooms during June and July. Excellent for rock garden end edging.

ALSTROEMERIA - Peruvian Lilies

A very beautiful genus. Their lily-like blossoms make fine cut flowers as well as garden subjects.

Culture. Easily grown in well drained sandy soil in full sun. Plant early spring. Cover roots about 4 inches. Set 6 to 8 inches apart and protect in winter.

Chilensis Hybrids Three \$1.40, Doz. \$4.00, 100 \$30.00
Neat upright growing plants about 24 inches high with loose heads of brilliant colored flowers. The predominating shades are rose, apricot, blush, white and yellow. Invaluable for cutting.

AMSONIA

Free-flowering perennials, long stems with willow-like foliage and lovely heads of light blue flowers in panicles; especially fine for cutting.

Culture. Ordinary soil and a sunny position will suit them. Plant in autumn or spring, 10 to 12 inches apart.

Tabernaemontano Three \$1.00, Doz. \$3.00, 100 \$20.00
Flowers late May and early June, producing numerous flowers of light blue in panicles, on 2 to 3 foot stems; fine for the hardy border or planted among shrubbery.

ANCHUSA - Alkanet

Stately and handsome herbaceous perennials belonging to the Forget-me-not order. It is difficult to imagine a more beautiful plant than a well grown specimen of a Dropmore when in flower. The leaves are hairy and silvery green and the brilliant blue flowers are borne in racemes on branching stems.

Culture. Anchusas require a deep, well drained soil, not too damp or heavy, and a sunny position. They are best grown singly, so that they can display their natural contour to good advantage. Plant in fall or early spring, 18 inches apart, except Myosotidiflora, which should be planted in groups of three or more, about 8 inches apart.

Dropmore Three \$0.85, Doz. \$2.75, 100 \$18.00
Tall spikes of beautiful blue flowers in June and intermittently all summer. 4 to 5 feet.

Opal Three \$1.00, Doz. \$3.00, 100 \$20.00
Very beautiful variety, with large, pale blue flowers in June and intermittently all summer. 3 to 4 feet.

***Myosotidiflora** Three \$1.00, Doz. \$3.00, 100 \$20.00
A distinct dwarf perennial from Russia, with clusters of charming blue flowers resembling forget-me-nots. An effective plant for shady or sunny places. Flowering in May and June. 12 inches high.

ANDROSACE --Rock Jasmine

Fascinating small rock plants, forming small rosettes of silvery hairy foliage at the ends of wiry runners.

Culture. Require a well drained, gritty soil. In sticky clay or hot, loose sand they will not survive. Protect from heavy rains and excessive moisture in general. Plant in fall or early spring, 3 to 4 inches apart, in sheltered, sunny places in the rock garden.

***Sormentosa** Three \$1.40, Doz. \$4.00, 100 \$30.00
(Chumbuiji). One of the easiest and best. Rosettes of silky foliage and heads of verberna-like blossoms of pink on stems about six inches high. From the Himalayas. June and July flowering.



Anchuso Myosotidiflora



ANEMONE JAPONICA - Japanese Windflower

Valuable plants suitable for massing or as single specimens in the border. They grow rapidly and are profuse in bloom, gaining strength and beauty each year. The blooming period extends from September till mid-November, the large, open flowers furnishing abundant cut flowers and a brilliant display in the garden. All are 2 to 3 feet high.

Culture. Ordinary, good garden soil which is well drained will suit all varieties. They do well in light shade or sun, should be watered freely during dry weather. In temperate parts of the United States, fall planting is practical. Best results are obtained from vigorous young plants set out in late spring. Plant in well drained locations, 8 to 12 inches apart and protect with straw during winter.

- | | |
|---|--|
| Alba | Three \$1.00, Doz. \$3.00, 100 \$20.00 |
| Purest single white, with yellow center. | |
| Alice | Three \$1.00, Doz. \$3.00, 100 \$20.00 |
| Large flowers of rose-pink, lilac center; excellent new variety. The best and strongest grower of all pink sorts. | |
| Buhler Kind | Three \$1.20, Doz. \$3.50, 100 \$25.00 |
| Early double white. A lovely flower to cut. | |
| Kriemhilde | Three \$1.00, Doz. \$3.00, 100 \$20.00 |
| Double, rich pink; of excellent form and very free. | |
| Prince Henry | Three \$1.20, Doz. \$3.50, 100 \$25.00 |
| Double red flowers; dwarf, but early. Very satisfactory. | |
| Queen Charlotte | Three \$1.00, Doz. \$3.00, 100 \$20.00 |
| Abundant semi-double flowers, broad and perfectly formed; "Lo France" pink. | |
| Rubra flora plena | Three \$1.20, Doz. \$3.50, 100 \$25.00 |
| Double rose colored blooms in great profusion. | |
| September Charm | Three \$1.00, Doz. \$3.00, 100 \$20.00 |
| Flower is of medium size. The color is delicate silvery pink, shaded with rose, presenting a beautiful color mass when grouped. Extremely free and attains an average height of 2 feet. | |
| Whirlwind | Three \$1.00, Doz. \$3.00, 100 \$20.00 |
| Excellent double white flowers. An old fashioned variety but a great favorite. | |

ANEMONE (Species)

A genus which furnishes many showy species of hardy flowers for cutting. Some commence to flower very early in the year, and others early in autumn. Their requirements are simple and all are easily grown.

Culture. Because of the many species offered, most of which require different soils and care, cultural instructions are given with each kind listed. All may be planted in fall or early spring. Are hardy and do not require winter protection which is advised for the Japanese varieties.

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| * Hepatica coerulea | Three \$0.85, Doz. \$2.75, 100 \$18.00 |
| (Wood Anemone). A pretty native, spring-flowering plant, with blue flowers; prefers shade, but will do fairly well in any open situation in moist, rich loam. We offer large clumps, each consisting of 6 to 12 flowering crowns. | |
| * Hupeiensis | Three \$1.00, Doz. \$3.00, 100 \$20.00 |
| (Early Anemone). The plant grows from 12 to 14 inches high and from early in August until late in the autumn produces an abundance of flowers about 1½ inches in diameter, of a pleasing mauve-rose. Similar to the Japanese Anemone. Plant 8 to 10 inches apart in ordinary good garden soil in sun or light shade. | |
| * Pulsatilla | Three \$1.00, Doz. \$3.00, 100 \$20.00 |
| (Posque Flower). Grows from 9 to 12 inches high and produces violet or purple flowers during April and May. An interesting plant for the rockery or well drained border. Plant in full sun, 6 to 8 inches apart. | |
| * Pulsatilla rubra | Three \$1.20, Doz. \$3.50, 100 \$25.00 |
| Of dwarf habit with reddish purple flowers. | |
| * Pulsatilla alba | Three \$1.40, Doz. \$4.00, 100 \$30.00 |
| Some habit as the Pulsatilla with beautiful white flowers. Very rare. | |
| * Sylvestris | Three \$1.20, Doz. \$3.50, 100 \$25.00 |
| Fine for cool, moist corner of rock garden or border. Large, white blossoms on nodding stems of about 12 inches. Blooming freely in May and June. Lovely cut flower. Plant 8 to 10 inches apart. | |

ANTHEMIS - Chamomile

Free flowering perennials with elegantly cut foliage and daisy-like flowers. Suitable for edgings or grouping on the margins of borders. Flowers are especially fine for cutting.

Culture. Ordinary soil and a sunny position will suit all kinds. Plant in autumn or spring, 10 to 12 inches apart.

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|---|--|
| Aizoon | Three \$1.20, Doz. \$3.50, 100 \$25.00 |
| Also called Achillea Ageratifolia. One of the prettiest of mountain Chamomiles. About 6 inches high. Fine silvery foliage with small yellow flowers. | |
| Tinctoria | Three \$0.85, Doz. \$2.50, 100 \$18.00 |
| (Kelway's Variety). Handsome, finely cut foliage, and large golden yellow flowers produced all summer. Succeeds in the poorest soil; excellent cut flowers. | |

ANTHERICUM - St. Bernard's or St. Bruno's Lily

A lovely plant with narrow, leaves and lily-like flowers borne in graceful sprays. Useful for flowers for cutting; also very graceful subjects for sunny borders.

Culture. They require a deep, rich, well drained soil. Heavy and damp soils are not suitable. They will succeed in sun or partial shade, and require copious supplies of water in dry weather. Best grown in groups of six. Plant in autumn or spring, 6 to 8 inches apart. Top-dress annually in early spring with well-rotted manure.

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| Liliumstrum major | Three \$1.20, Doz. \$3.50, 100 \$25.00 |
| Lovely spikes of white flowers 1½ feet high in May and June. A choice border plant. | |
| Ramosum | Three \$1.20, Doz. \$3.50, 100 \$25.00 |
| A lovely graceful plant with good foliage and many strong thin stems covered with small lily-like white blooms in panicles, from June until August. Very graceful with other flowers. | |

AQUILEGIA - Columbine

Culture. Columbines succeed in ordinary soils containing plenty of humus, provided by dressings of peat and well-decayed manure. Heavy soils are not suitable for the hybrids, but good for the common species. All prefer partial shade; besides, the flowers develop better, grow larger, and last longer in perfection in partial shade than in sun. Plant in fall or spring, 8 to 10 inches apart. Best grown in groups of three or more. Excellent combined with Japanese Anemone.

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| Canadensis | Three \$0.85, Doz. \$2.75, 100 \$18.00 |
| (Common American Columbine). The native bright red and yellow variety, and one of the brightest. | |
| Chrysantha | Three \$0.85, Doz. \$2.75, 100 \$18.00 |
| Beautiful golden yellow flowers; blooms for two months. | |
| Chrysantha alba | Three \$0.85, Doz. \$2.75, 100 \$18.00 |
| White form of above. | |
| * Coerulea | Three \$1.00, Doz. \$3.00, 100 \$20.00 |
| (Rocky Mountain Blue Columbine). Lovely blue flowers with long spurs. | |
| Crimson Star | Three \$1.20, Doz. \$3.50, 100 \$25.00 |
| Its flowers are very large with crimson sepals and spurs and white petals; an entirely new color in Aquilegias. The plant has a sturdy free-flowering habit. | |

Anemone Japonica Varieties





Arabis Alpina flore pleno

AQUILEGIA—Continued

Dobbie's Imperial Hybrids Three \$1.20, Doz. \$3.50, 100 \$25.00
These new long-spurred Columbines are unequalled for their range of colors and sturdiness. They have received a great deal of attention abroad and are considered in England the best mixture offered today.

***Florellota nano olba** Three \$1.00, Doz. \$3.00, 100 \$20.00
A delightfully dwarf variety for the rock garden, perfect foliage and ivory-white flowers. The whole plant not over 8 to 10 inches high. A quaint Japanese species.

Hensol Horebell Three \$1.20, Doz. \$3.50, 100 \$25.00
A vivid blue species of medium height, free flowering. Most attractive in the border, may also be used in the rockery.

Scott Elliott Long-Spurred Hybrids Three \$0.85, Doz. \$2.75, 100 \$18.00
Wonderful colors with very long-spurred flowers. Our stock is from seed from this breeder, absolutely true strain.

Sutton's Long-Spurred Hybrids Three \$1.20, Doz. \$3.50, 100 \$25.00
A mixture of lovely long-spurred Columbines from which all harsh tones and inferior forms have been removed.

Niveo grandiflora Three \$0.85, Doz. \$2.75, 100 \$18.00
A fine white, robust variety; profuse bloomer.

Skinneri Three \$0.85, Doz. \$2.75, 100 \$18.00
Excellent in shady places where its greenish yellow and scarlet flowers show off to great advantage.

Wayside Pink Three \$1.00, Doz. \$3.00, 100 \$20.00
A beautiful strain of clear pink colors, with long spurs. We do not think that they can be surpassed.

ARABIS—White Rock-Cress

Useful plants, suitable for forming edgings to beds and borders, and fine for rockery or dry wall.

Culture. Any good, ordinary soil that is not too damp will suit the Arabis. Plant 6 inches apart in autumn or spring. After the flowers have faded cut the straggling shoots back moderately to encourage a new tufted growth. Do well in either shade or full sun.

***Alpina** Three \$0.85, Doz. \$2.50, 100 \$18.00
Pure white flowers produced in dense masses, splendid for border and rockery work, and last quite some time when cut.

***Alpina flore plena** Three \$1.20, Doz. \$3.50, 100 \$25.00
Same as above but with double white flowers; very fine rock plant and fine for cutting. Really a lovely thing when combined with other small flowers.

***Alpina rosea** Three \$1.00, Doz. \$3.00, 100 \$20.00
Similar in habit to the above. The flowers are a delicate pale pink.

****Procurens** Three \$1.35, Doz. \$3.85, 100 \$28.00
A prostrate, creeping plant with glossy evergreen leaves which form a dense carpet on the ground. The flowers are white on upright, slender stems in April and May. Best grown in rock garden or rock wall. Does well in shade.

ARENARIA—Sandwort

All of dwarf-growing or creeping habit. Splendid plants for the rock garden and for planting in flagstone walks or terraces. Montana especially is a very lovely plant for large masses in the rock garden.

Culture. All require a well drained, sandy soil, not too rich, and they prefer a sunny location in the rock garden or rock wall. Plant in fall or early spring, 4 to 6 inches apart.

****Baleorico** Three \$1.20, Doz. \$3.50, 100 \$25.00
An emerald mantle for shady rocks. Myriads of white, fairy, starlike flowers in May, one-half inch high.

***Grandiflora** Three \$1.00, Doz. \$3.00, 100 \$20.00
From the Pyrenees Mountains. Covers itself with pure, snow-white, star-like flowers. One of the best of all rock plants. May flowering.

***Montono** Three \$1.00, Doz. \$3.00, 100 \$20.00
Close tufts, profusely covered with small, silvery white flowers quite early in the season. Excellent as an edging plant in formal gardens and for rockeries in sunny places. The flowers in May resemble small, white, upturned morning glories.

****Verno coespitoso** Three \$1.10, Doz. \$3.25, 100 \$22.50
A prostrate growing plant creeping low over the ground and between cracks in stones. Excellent for planting between flagstones, on terraces or walks.

ARMERIA—Thrift or Sea-Pink

Dwarf-growing perennials with grassy leaves and a tufted habit of growth. The flowers are borne in globular heads from May until the end of July, plants are suitable for edgings to borders, beds and form lovely clumps in the rock garden.

Culture. Grow in dry, sandy soil and sunny position. Plant 6 to 8 inches apart in autumn or spring.

***Cepholotes rubra** Three \$1.20, Doz. \$3.50, 100 \$25.00
8 to 10 inches; deep pink flowers freely produced from a neat cushion-like plant.

***Laucheono** Three \$1.00, Doz. \$3.00, 100 \$20.00
Bright rosy red, 3 to 6 inches. May-June. Very free flowering. Evergreen foliage.

***Moritimo** Three \$1.00, Doz. \$3.00, 100 \$20.00
3 to 6 inches. May and June. Valuable for edging; flowers pale pink; foliage grass-like, evergreen.

***Moritimo albo** Three \$1.00, Doz. \$3.00, 100 \$20.00
3 to 6 inches. May and June. Tufts of deep green foliage; white flowers; evergreen foliage.

***Wayside Gardens Toll Hybrids** Three \$0.85, Doz. \$2.75, 100 \$18.00
18 to 24 inches. June to October. Large flowers of delightful white, rose and pink shades. Very useful for edging and cutting.

ARTEMISIA—Southernwood; Sage Brush

Shrubby, sagelike plants suitable for the hardy border. They have more or less hairy, finely cut leaves and yellow or white flowers, borne in panicles. Only about three are worth growing.

Culture. Ordinary soil and a dry, sunny border for Silver King and a moist one, but well drained, for Lactiflora. Plant in autumn or spring, 8 to 10 inches apart.

***Abrotanum** Three \$1.00, Doz. \$3.00, 100 \$20.00
Dwarf plant with silvery gray, highly aromatic foliage; yellow flowers in July; good for margins of the border or bold groups in the rockery.

Lactiflora Three \$0.85, Doz. \$2.75, 100 \$18.00
A tall-growing plant of fine foliage and heads of small, white flowers in August and September, which fill the garden with fragrance.

Silver King Three \$1.00, Doz. \$3.00, 100 \$20.00
A striking white-leaved contrast plant. A beautiful "mist" for setting off bouquets and floral combinations. The entire color effect bright frosted silver. Three feet high. Sprays may be cut to mix with winter bouquets.

ASCLEPIAS—Butterfly Weed

To this genus belong many species, most of them not worth while for the flower garden. Some may be used in the wild garden, but there are more worth-while plants even for that. Tuberosa is the only one considered.

Culture. Tuberosa requires a sandy soil while all the rest do best in a moist, peaty soil. Requires sun. Plant in autumn or early spring, 6 to 8 inches apart.

Tuberosa Three \$0.85, Doz. \$2.75, 100 \$18.00
Attractive plants, flowering during July and August and growing about 1½ feet high. Produces umbels of varying orange colored flowers which are lovely to cut and last a long time.

ASPERULA—Woodruff

Pretty dwarf, white-flowered perennials. They have long, creeping stems, whorled leaves, and four-lobed flowers. Excellent plants for shady positions under shrubs, trees, or in shady place in rockery or woods.

Culture. Will thrive in ordinary soil in shady positions. Plant in autumn or spring, 6 to 8 inches apart. They soon spread into bold masses.

***Odorata** Three \$1.20, Doz. \$3.50, 100 \$25.00
6 to 8 inches high. Increases rapidly and is used for carpeting shady places and in the woods. Heads of small white flowers appear just above the foliage in May. A fine, scented herb reminding one of new mown hay. A grand plant for hardy shady places in woods or rock garden.



Phlox Columbia

INTRODUCED BY WAYSIDE GARDENS IN 1935

U. S. Plant Patent No. 118.

AFTER growing this variety you will agree with every person that has seen it, that it is the finest pink Phlox ever introduced. Its strength and vigor is something rarely seen in plants. A well grown, two-year-old plant will produce from six to fifteen spikes. The foliage is rich dark green, leaves covering the stems down to the ground. The flower stalks are about 2½ feet high, stiff and erect. The flowers, when cut, last over a week in water. See page one for further details.

Each, 50c; per 3, \$1.25; per doz., \$4.50.



Delphinium White Hybrids

The pure white flowers are single, semi-double and sometimes fully double. The spikes are from four to six feet tall and look beautiful when planted with the blue Delphinium. See page 20.

Each, 50c; per 3, \$1.25; per doz., \$4.50.

Aster Frikarti, Wonder of Staffa

Lavender-blue flowers from June until frost. A splendid new all-summer-flowering perennial. See page 10 for detailed description and prices.



ASTER – Starwort or Michaelmas Daisy

Lovely autumn-flowering perennials, the value of which for border decoration, or cut flowers, is inestimable. There are scores of lovely varieties in all shades of blue, white, pink, and crimson to select from. They range in height from about 1 to 3 feet. Both the species and varieties may be grown in the hardy borders, or in borders by themselves, or in the wild garden.

Culture. Michaelmas Daisies will thrive in any soil and almost under any rough treatment. They may be grown with other perennials in the mixed border, or in a border in conjunction with lilies and tritomas, where they form a gay autumnal display. In June thin out all the weak growths, and retain not more than three to four of the strongest shoots to each plant. These growths will then branch out freely and yield immense heads or sprays of flowers in early autumn. Plant in fall or spring, 2 feet apart, in full sun. Lift and divide every third year.

Aldermor Volkes Three \$1.20, Doz. \$3.50, 100 \$25.00
A lovely novelty, brilliant rosy red blooms, clusters of good size. Very free flowering and very brilliant. About 24 inches tall. One of the best new Asters.

Amethyst Three \$1.40, Doz. \$4.00, 100 \$30.00
A purple-blue variety of outstanding merit. The almost fully double flowers are produced by the hundred on fine upright stems about three feet high.

Barr's Pink Three \$1.00, Doz. \$3.00, 100 \$20.00
A strong, vigorous grower forming shapely plants from 4 to 5 feet high; the finest bright pink.

Blue Gem Three \$1.00, Doz. \$3.00, 100 \$20.00
Double flowers of rich blue; the best blue in cultivation.

Climox Three \$1.00, Doz. \$3.00, 100 \$20.00
One of the best and showiest, with large, pyramidal spikes of large, light lavender-blue flowers; very free. 5 feet. Excellent as a cut flower.

Dazzler Three \$1.40, Doz. \$4.00, 100 \$30.00
Semi-double, brilliant rosy red. An entirely new shade in Hardy Asters. Open rigid branches are covered with bloom early in October.

Elto Three \$1.00, Doz. \$3.00, 100 \$20.00
Semi-double, pale lilac, 4 feet high.

Feltham Blue Three \$1.00, Doz. \$3.00, 100 \$20.00
A pretty aniline blue; very free.

Glory of Colwell Three \$1.00, Doz. \$3.00, 100 \$20.00
Good sized, almost double; ageratum-blue flowers.

Joon Vaughan Three \$1.00, Doz. \$3.00, 100 \$20.00
Large semi-double flowers of deepest blue.

Lody Lloyd Three \$1.00, Doz. \$3.00, 100 \$20.00
A very fine, clear rose-pink. Lasts exceedingly well.

Mouve Queen Three \$1.00, Doz. \$3.00, 100 \$20.00
Very large, semi-double flowers of clear mauve.

Mrs. Roynor Three \$1.20, Doz. \$3.50, 100 \$25.00
The nearest red of all Asters; good form.

Queen Mory Three \$1.00, Doz. \$3.00, 100 \$20.00
With graceful flowers 2½ inches in diameter arranged loosely in branching panicles of a particularly pleasing blue tinted lavender; 3½ feet high.

Royal Blue Three \$1.00, Doz. \$3.00, 100 \$20.00
Rich deep blue. Good strong grower. Quite early. 3 feet.

Robert Parker Three \$1.00, Doz. \$3.00, 100 \$20.00
Pale heliotrope. Compact bush. 4 feet high.

Sam Benhom Three \$1.00, Doz. \$3.00, 100 \$20.00
Fine semi-double white. Excellent for cutting. 4 feet.

St. Egwin Three \$1.00, Doz. \$3.00, 100 \$20.00
A pleasing rosy pink; very free blooming; dwarf habit.

Sunset Three \$1.20, Doz. \$3.50, 100 \$25.00
A glorious sunset-pink. Good habit and extremely free flowering. One of the best new pink sorts. Grows about 36 inches tall.

White Climox Three \$1.00, Doz. \$3.00, 100 \$20.00
Large single white flowers freely produced. 4 feet.

White Lady Three \$1.20, Doz. \$3.50, 100 \$25.00
Pure semi-double white flowers, freely produced. The best of the white varieties. 36 to 48 inches tall.

ASPHODELUS – Asphodel

Strong growing perennials reminding one of the Eremurus (Foxtail Lily); in fact, in Europe they are the "poor man's" Eremurus. They have narrow, roundish rather ornamental leaves and produce their yellow flowers in long, narrow racemes. Does well in front of shrubbery, in the border, or wild garden.

Culture. Require a rich, deep, well manured soil. Plant in autumn or spring, 8 to 10 inches apart.

Luteus Three \$1.20, Doz. \$3.50, 100 \$25.00
Tall spikes of bright yellow flowers; very fragrant swordlike foliage; fine for borders; plant in groups of three or more for the best effect.

ASTILBE (See Spirea).



Aquilegia Flabellata nana alba

NEW DWARF ASTERS

The new dwarf Asters are unquestionably among the most worth while plants that have recently come to us from England. Very neat in habit with attractive foliage and in September and October are graced with hundreds of blooms of the most delicate shades of lavender, pink and lilac. Not one person who saw them growing in our nurseries but admired them and purchased some.

They rarely exceed one foot in height and during the blooming period in September the plants are completely covered with blossoms. They are exceptionally valuable for the edging or for grouping in the front of borders and are also charming for the rock garden, coming at a time when the rock garden is void of flowers. Perfectly hardy and grow most anywhere in any good garden soil.

Constance Each 50c, Doz. \$5.00
A really pure shell-pink, a delightful color, of very graceful habit. October. 9 inches.

Countess of Dudley Three \$1.00, Doz. \$3.00, 100 \$20.00
Charming clear pink flowers with yellow eye, of bushy habit and free-flowering. Late September. 9 inches.

Diano Each 50c, Doz. \$5.00
Large delicate soft pink semi-double flowers with pretty feathery green foliage. September. 9 inches.

Hebe Each 50c, Doz. \$5.00
A compact variety with small deep pink flowers, an ideal rock plant. September. 10 inches.

Lavondo Each 50c, Doz. \$5.00
Lavender-blue flowers, very free-flowering and early, commencing to bloom early. September. 6 inches.

Lilac Time Each 50c, Doz. \$5.00
Lovely soft lilac flowers, free-flowering, of bushy habit. September-October. 12 inches.

Lody Henry Maddocks Three \$1.00, Doz. \$3.00, 100 \$20.00
Clear pale pink flowers, very free-flowering and of dwarf compact habit. September. 1 foot.

Morjorie Three \$1.00, Doz. \$3.00, 100 \$20.00
A charming plant of compact habit, bearing large flowers of a bright rose-pink. Mid-September. 1 foot.

Nancy Three \$1.00, Doz. \$3.00, 100 \$20.00
Of dwarf bushy habit and very free-flowering, the plants being covered with pale flesh-pink flowers toward the end of September. 1 foot.

Niobe Each 50c, Doz. \$5.00
The only white variety, of dwarf compact habit with pure white flowers. September. 6 inches.

Ronald Three \$1.00, Doz. \$3.00, 100 \$20.00
Forming a dwarf bush covered with flowers of a pleasing bright shade of lilac-pink with rose-pink buds, very showy. Mid-September. 1 foot.

Snowsprite Three \$1.00, Doz. \$3.00, 100 \$20.00
A very dwarf, early fall-flowering variety forming compact clumps. These are smothered with large semi-double white flowers. Early September. 1 foot.

Victor Three \$1.00, Doz. \$3.00, 100 \$20.00
The dwarfiest of all and very pretty. The flowers are of good size and of a beautiful clear pale lavender-blue; a charming rock plant, flowering early. September. 8 inches.



ASTER SPECIES

A genus which furnishes many showy species of hardy perennials for border or rock garden; also attractive flowers for cutting. Some commence to flower very early in the year, and others early in autumn. Their requirements are simple and all are easily grown.

Culture. May be planted in fall or early spring in ordinary garden soil.

Alpinus albus Three \$1.00, Doz. \$3.00, 100 \$20.00

Fine dwarf white Aster, bearing large, single white flowers on stems 6 to 8 inches high. May and June. Excellent for rock gardens; plant in full sun, 6 to 8 inches apart

Alpinus, Goliath Three \$1.20, Doz. \$3.50, 100 \$25.00

Indispensable for the rockery or edge of hardy borders; 6 to 10 inches high, and bears large, showy, bluish purple flowers in May and June. Plant in full sun, 6 to 8 inches apart.

Alpinus rubra Three \$1.20, Doz. \$3.50, 100 \$25.00

Also good for the rock garden or as an edging plant, producing rose-purple flowers; 6 to 10 inches high. May and June. Plant in full sun, 6 to 8 inches apart.

Amellus elegans Three \$1.00, Doz. \$3.00, 100 \$20.00

Long, graceful sprays of soft lavender. Good for the border; flowers in August. Plant in full sun, 10 to 12 inches apart.

Diplastiphoides Three \$1.20, Doz. \$3.50, 100 \$25.00

(Dubia). A very fine dwarf Aster for the rock garden, producing early in the season, pale blue flowers. 2 to 3 inches across. Plant in full sun, 10 to 12 inches apart.

Frikarti, Wander of Staffa Three \$1.50, Doz. \$4.75, 100 \$35.00

We consider this the best of the summer and fall flowering varieties, in fact it is one of the finest constant summer flowering plants in existence, and admired by all who grow it. It is neat in growth, upright and of free branching habit. Lavender-blue flowers are freely produced from August until late October. Height about 24 to 30 inches.

Mauve Cushion Three \$1.00, Doz. \$3.00, 100 \$20.00

Distinct species. It forms a circular cushion-like plant 1½ feet across, rarely exceeding 9 inches in height, the flowers of delicate, soft mauve, with silvery white reflections, measure over 1¼ inches in diameter, and are produced in such lavish profusion as to completely cover the plant; the blooms begin to expand early in October, but are not at their best until November. Plant in full sun, 1 foot apart.

Tataricus Three \$1.00, Doz. \$3.00, 100 \$20.00

Distinct, large bluish violet; very late. 6 feet. Plant in full sun, 2 feet apart.



Arenaria Montana

AUBRIETIA - Purple Rock-Cress

Although strictly a rock plant, yet they are also most attractive subjects for growing in masses in, or forming edges to borders. They are also much used for carpeting the surface of beds planted with spring bulbs.

Culture. Aubrietias will thrive in any fairly good, well drained soil. On heavy or damp soils they are apt to freeze out in winter. Best grown in masses in the rock garden, or as edgings. Plant six inches apart in autumn or very early spring.

***Eyr** Three \$1.00, Doz. \$3.00, 100 \$20.00

Rosy lilac; best of all, and especially fine in clumps in combination with bulbs.

BAPTISIA - False-Indigo

Culture. A deep, rich soil and a sunny position is desirable for these plants. They should be given ample space to grow, so as to display the natural beauty of the foliage. Plant in autumn or spring, 12 to 18 inches apart.

Australis Three \$0.85, Doz. \$2.75, 100 \$18.00

Dark blue, pea-shaped flowers in June, are produced on top of spikes 2 feet high; suitable for the hardy border or wild garden. Very attractive foliage all summer.

BELLIS PERENNIS - English Daisy

The double-flowered Daisies have descended from the Wild Daisy of lawns. They are favorites for edgings and extensively used in Europe. They are most attractive plants for spring bloom, and not difficult to grow.

Culture. Succeed best in a medium, moist soil. They do not thrive in dry soils or hot positions. They can be grown as edgings to beds or borders, grouped in colonies on the margins of borders, or used for carpeting beds of bulbs. Plant in fall or spring, 4 to 6 inches apart, cover lightly during winter.

Perenne, Snowball Three \$0.75, Doz. \$2.50, 100 \$15.00

Mammoth white, may also be used for cutting.

Perenne, Langfellow Three \$0.75, Doz. \$2.50, 100 \$15.00

Mammoth pink, good for cut flowers also.

BELLIUM - Alpine Daisy

They are a miniature form of the common daisy. Quite hardy and exclusively used in the rock garden.

Culture. Succeeds best in a medium moist, though well drained soil. Plant in full sun or very light shade in the rock garden, in fall or spring, 2 to 3 inches apart.

***Bellidiaoides** Three \$1.20, Doz. \$3.50, 100 \$25.00

A dainty little miniature of the Bellis perennis, except that it throws out numerous runners and so forms a wide mat, covered in summer with small, white daisies. Constantly in bloom.

BAERIA

A native of North America of neat growth and daisy-like flowers.

Culture. Any good garden soil suits them. They must be grown in full sun. Plant fall or spring 6 inches apart.

Macrantha Three \$1.20, Doz. \$3.50, 100 \$25.00

A very charming dwarf plant with large golden yellow flowers.

BETONICA - Betony

An attractive border perennial, yielding a profusion of flowers, which are most valuable for cutting.

Culture. Will succeed in good, ordinary soil in a sunny border. Best grown in groups of three or more. Plant in autumn or spring, 8 to 10 inches apart.

Grandiflora Three \$1.00, Doz. \$3.00, 100 \$20.00

Close tufty foliage with bright rose-purple flowers on long stems about 2 to 3 feet tall, produced during June, July and August. A lovely plant for a hot, dry place in the border.



Achillea, The Pearl



Aethionema Persicum

BLEEDING HEART (See Dicentra).

BOCCONIA – Tree-Celandine or Plume Poppy

Hailing from China, of handsome, stately growth, have glaucous or greyish, lobed leaves, and buff of cream colored flowers borne in feathery plumes or panicles between June and September. Very effective and ornamental plants to grow on the lawn or in the background of borders.

Culture. A rich, loamy soil is essential for growing these plants really well. Plant in autumn or spring, 12 to 18 inches apart.

Cordata Three \$0.85, Doz. \$2.75, 100 \$18.00

A noble hardy perennial, beautiful in foliage and flower, and adapted for planting in the shrubbery borders, and in bold groups in any position, attaining 6 to 8 feet in height. Flowers creamy white in terminal panicles. Greatly used in China and Japan where its truly ornamental beauty is appreciated.

BOLTONIA – Bolton's-starwort

They are similar in foliage and flower to the Aster, are most graceful in habit, and well suited for the mixed border or the wild garden.

Culture. Precisely the same as for Asters, see page 9. The Boltonias bloom during July, August and September, while the Asters bloom from then on.

Asteroides Three \$0.85, Doz. \$2.75, 100 \$18.00
White, 5 to 6 feet high.

Lotisquama Three \$0.85, Doz. \$2.75, 100 \$18.00
Pink, slightly tinted with lavender. 4 to 6 feet. Really the best of all varieties offered.

BUDDLEIA

Popular, rapid growing shrubs producing long panicles of purple and lavender flower spikes throughout the summer. Suitable for cutting.

Culture. Should be planted in a warm, dry, well-drained sandy soil. Provide ample room, the plant grows rapidly and forms a bush about 4 to 6 feet high and 4 to 6 feet in diameter. In spring cut all growth back to within 12 inches of the ground. New growth will develop rapidly as soon as it gets warm. Protect slightly in colder parts of the country.

Ile de France Each 60c
Blooms prolifically and the flowers are large; the color is a deep purple. A fine plant for the flower garden or shrubbery border or as a single specimen for the lawn.

Fortune Each \$2.00
Plants grow 3 to 4 feet and are covered with long racemes of lilac-like flowers all summer. A beautiful novelty fully described on page 3. Illustrated on color page N.

BUPHTHALMUM – Ox-eye

Showy, hardy herbaceous perennials. Lance or heart-shaped, smooth or hairy leaves, and large, yellow flowers borne singly on long stems. Useful for cutting, also for the mixed border or wild garden.

Culture. Ordinary soil and a sunny position. Plant in autumn or spring, 8 to 10 inches apart.

Salicifolium Three \$1.00, Doz. \$3.00, 100 \$20.00
Bears large, rich, golden yellow flowers through the summer, 2 feet high. Is a very fine plant for the sunny hardy borders.

CALAMINTHA – Calamint

Useful plants for bold effects in the rock garden or rock wall, or in masses on the margin of borders.

Culture. Any good, ordinary soil will suit. Plant 6 to 8 inches apart in groups of three or more in wall or rock garden, in full sun or light shade, in fall or spring.

***Alpina** Three \$0.85, Doz. \$2.75, 100 \$18.00
A very graceful little rock plant, growing 6 inches high, with rich purple flowers.

CALLIRHOE – Poppy Mallow

Prostrate plants with brilliant flowers; for the rock garden or on the margin of dry borders.

Culture. Any good, sandy soil will do but it must be dry. Plants must be planted in full sun, 8 to 10 inches apart, preferably in spring. Fall planting is satisfactory if done early and plants are protected for the winter.

***Involucrata** Three \$1.00, Doz. \$3.00, 100 \$20.00
Trailing plant, with finely divided foliage and large, saucer-shaped flowers of bright rosy crimson, with white centers, which are produced all summer and fall.

CALTHA – Marsh-Marigold

A moisture-loving perennial. All have heart-shaped leaves, and single or double yellow flowers. Specially adapted for the waterside, the bog garden, or moist borders. Flowers useful for cutting; foliage good all summer.

Culture. All require a deep, rich soil, and a moist position such as the margins of ponds, etc., or in the dampest part of the garden. Best grown in large colonies. Plant in spring or fall.

Palustris Three \$1.00, Doz. \$3.00, 100 \$20.00
Flowers bright yellow in spring, on stems 12 to 18 inches high. A very showy plant in wet places, both in sun and shade. Its foliage is always clean and attractive.

CARLINA – Charlemagne's Thistle

A thistle-like perennial belonging to the daisy order. They are remarkable for the beauty of their pinnate, toothed leaves, single specimens having an effective appearance in the rock garden, or on dry walls.

Culture. Ordinary soil and a sunny position.

***Acaulis** Three \$1.20, Doz. \$3.50, 100 \$25.00
An Alpine Thistle with an immense, stemless flower head. Leaves are intensely spiny and very silvery, making a handsome subject for the rockery. Rare and unusual plant.



Campanula Glomerata var. Dahurica



Campanula Calycanthemum



Callirhoe Involucrata

Campanula Carpatica



CALANDRINIA

Prostrate plants with brilliant flowers; for the rock garden or on the margin of dry borders.

Culture. Any good soil will do providing it is dry. Plants must be planted in full sun, 8 to 10 inches apart, preferably in spring. Fall planting is satisfactory if done early and plants are protected for the winter.

- ***Umbellata** Three \$1.20, Doz. \$3.50, 100 \$25.00
Prostrate plant, 4 to 6 inches, with brilliant crimson, saucer-shaped flowers; good for hot place in rock garden.

CALLUNA AND ERICA - Heaths and Heathers

The Heaths are compact, low-growing evergreen plants, and as such are extremely useful for planting in front of evergreens or as edgings. The small foliage is densely arranged around the wiry little stems, and either when in full bloom or in midwinter makes a very pretty picture. **Culture.** All Heaths and Heathers require a warm, well-drained soil. Half peat and loam freely mixed with coarse sand to which a liberal quantity of well rotted cow manure has been added suits them best.

- ***Calluna vulgaris** Three \$1.40, Doz. \$4.00, 100 \$30.00
(Scotch Heather). A low-growing shrub, with erect branches covered with short, closely adpressed leaves. The pretty, bell-shaped flowers occur in great profusion toward tops of the shoots and are a pretty rosy color.

- ***Calluna vulgaris alba** Three \$1.40, Doz. \$4.00, 100 \$30.00
(White Heather). Always worn in buttonholes for good luck. Is the white form of the common Scotch Heather.

- ***Calluna vulgaris Alporti** Three \$1.40, Doz. \$4.00, 100 \$30.00
Late. Grows 24 inches high. Flowers rosy purple.

- ***Calluna vulgaris aurea** Three \$1.40, Doz. \$4.00, 100 \$30.00
(Golden Leaved Heather). Same habit as Vulgaris except the foliage which is of a beautiful golden tint.

- ***Calluna vulgaris nana compacta** Three \$1.40, Doz. \$4.00, 100 \$30.00
Prostrate and compact in growth. Not over 7 or 8 inches. Dull, rich green or fine little evergreen plant for the rock garden; has pink flowers.

- ***Calluna vulgaris Hammondi** Three \$1.40, Doz. \$4.00, 100 \$30.00
Midseason. Grows 18-24 inches high. Flowers white.

- ***Calluna vulgaris minor** Three \$1.40, Doz. \$4.00, 100 \$30.00
Midseason. Grows 15 inches high. Flowers white.

- ***Calluna vulgaris multiplex** Three \$1.40, Doz. \$4.00, 100 \$30.00
A double-flowered form of the type. Midseason. Grows 12-15 inches high. Purple flowers.

- ***Calluna vulgaris rubra** Three \$1.40, Doz. \$4.00, 100 \$30.00
Early. Low spreading growth, 6-12 inches. Flowers rosy carmine.

ERICA - Heather

A charming hardy plant, companion to the Heathers. Known as Heather flower in early spring.

- ***Erica carnea** Three \$1.40, Doz. \$4.00, 100 \$30.00
(Spring Heath). Early bright rose.

- Erica darleyensis** Three \$1.40, Doz. \$4.00, 100 \$30.00
(Dorley Heath). Deep rose. One of the loveliest plants. Most charming when in bloom. Early in March and April.

- ***Erica vagans** Three \$1.40, Doz. \$4.00, 100 \$30.00
(Cornish Heath). Pale lilac.

CAMPANULA MEDIUM - Canterbury Bells

Imposing, if not our best biennials. The plants are more or less pyramidal in growth, about two and one-half feet in height, and profusely covered with large, bell-shaped flowers. Extremely showy in mixed borders.

Culture. A rich, well drained, light soil will grow them to perfection. It is well to protect fall-transplanted plants with a little dry covering; remove covering early in March before new growth starts. Plant in early autumn or very early spring, 8 to 10 inches apart, in full sun.

CALYCANTHEMA (Cup and Saucer).

Tall, erect growing plants completely covered with large cup and saucer-shaped flowers during late May and June. One of the loveliest of biennials and a perfect plant for the old-fashioned, hardy garden. Flowers last a week or more when cut.

- Calycanthemum Blue** Three \$0.75, Doz. \$2.50, 100 \$15.00
Covered with blue flowers.

- Calycanthemum Pink** Three \$0.75, Doz. \$2.50, 100 \$15.00
Same as above with lovely pink flowers.

- Calycanthemum White** Three \$0.75, Doz. \$2.50, 100 \$15.00
Same as above with pure white flowers.

MEDIUM (Single Canterbury Bells).

These have the same habit of growth and are just as lovely as the Calycanthemum, the flowers, however, do not have the so-called "saucer," but are bell-shaped.

- Medium Blue** Three \$0.75, Doz. \$2.50, 100 \$15.00
Plants are completely covered with blue bells.

- Medium Pink** Three \$0.75, Doz. \$2.50, 100 \$15.00
Same as above with lovely pink bells.

- Medium White** Three \$0.75, Doz. \$2.50, 100 \$15.00
Same as above with pure white bells.

WAYSIDE GARDENS

CAMPANULA - Bellflower

One of the most popular and showy hardy perennials for border or rock garden culture. The flowers are all blue and white in color, and the height ranges from a few inches to several feet. The dwarfier sorts are splendid subjects for edging or growing in groups on the margins of borders or rockeries, and the tall kinds make an effective display when grown in clumps in the middle of the borders.

Culture. All the varieties offered will succeed in ordinary rich soil. The dwarfier kinds like partial shade, and some of the tall species, as *Latifolia*, *Lactiflora*, and *Trachelium* do well in shady border. Plant in autumn or early spring, 8 to 12 inches apart. *Carpatica* requires a cool position. Species like *Persicifolia* and its varieties should be lifted and divided every second year and replanted in good, rich soil, otherwise they will not flower freely. Indeed, all *Campanulas* are the better for a biennial lifting and dividing. To insure fine spikes and large flowers on the taller sorts, feed freely with manure.

- Alliariaefolia** Three \$1.00, Doz. \$3.00, 100 \$20.00
A grand border plant with tall spikes of long, pendent bells, 3 feet high.
- *Barbata** Three \$1.20, Doz. \$3.50, 100 \$25.00
Silvery blue bearded or hairy bells on stalks about 6 to 9 inches long are produced in June and July. It is a very unusual and outstanding plant for the rockery or border.
- *Carpatica** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Carpathian Harebell). A pretty species growing in compact tufts not exceeding 8 inches high; flowers clear blue, held erect on wiry stems. It begins blooming in June, continuing until October. As an edging for hardy border or for the rockery it is unsurpassed.
- *Carpatica alba** Three \$1.00, Doz. \$3.00, 100 \$20.00
A pure white form of the preceding.
- *Cullinmore** Three \$1.20, Doz. \$3.50, 100 \$25.00
A lovely hybrid form of *Carpatica* and other dwarf-growing species. Much more prolific than *Carpatica*. Its flowers of various shades of blue are produced all summer. Very nice edging plant or for the rock garden.
- Elegans** Three \$1.10, Doz. \$3.25, 100 \$22.50
Fine *Campanula* for borders and rockeries. Height 18 inches. Blooms all summer.
- **Garganica** Three \$1.20, Doz. \$3.50, 100 \$25.00
A gem for the rock garden. Forms a low spreading tuft which in June is covered with starry light blue flowers having a white eye. Exquisite hanging over a rock.
- *Glomerata var. dahurica** Three \$1.10, Doz. \$3.25, 100 \$22.50
A *Campanula* that should be in every garden. It is about 18 inches high. In June and July has large, close heads of deep blue flowers which are strikingly effective. An old European garden favorite.
- Grandis (Latiloba)** Three \$1.20, Doz. \$3.50, 100 \$25.00
Stout spikes well furnished with large saucer shaped flowers, light blue. One of the most effective subjects for woodland and shady borders.
- Lactiflora coerulea** Three \$1.00, Doz. \$3.00, 100 \$20.00
Pale blue flowers during July and August on stems 2 to 3 feet high; does well in light shade.
- Latifolia macrantha** Three \$1.10, Doz. \$3.25, 100 \$22.50
Very handsome, enormous drooping bells of fine satiny lilac and deep purplish shades on stems 3 to 4 feet high; does well in light shade or full sun.
- **Muralis** Three \$1.40, Doz. \$4.00, 100 \$30.00
Very dwarf plant covered with blue-purplish flowers in June. Fine for wall or rock garden. The most popular wall plant or rock plant of the entire *Campanula* group.
- Persicifolia grandiflora alba** Three \$1.00, Doz. \$3.00, 100 \$20.00
One of the finest *Campanulas*, with large, handsome white, bell-shaped flowers. A great acquisition. Height 2 feet.
- Persicifolia grandiflora coerulea** Three \$1.00, Doz. \$3.00, 100 \$20.00
An excellent companion to the white variety, the large bright blue flowers making an effective contrast. Height 2 feet.
- Pyramidalis** Three \$1.00, Doz. \$3.00, 100 \$20.00
Produces spikes from 4 to 6 feet long covered with blue, star-shaped flowers during the entire summer; excellent plant with *Delphinium* in background in the hardy border.
- Pyramidalis White** Three \$1.00, Doz. \$3.00, 100 \$20.00
Similar to the above, producing white flowers.
- *Raineri Hybrids** Three \$1.40, Doz. \$4.00, 100 \$30.00
A very rare and beautiful species of dwarf and spreading habit. Plants are covered in June and July with flowers in various shades of lavender-blue.
- Rapunculoides** Three \$1.20, Doz. \$3.50, 100 \$25.00
Strong, 3-foot stems with slightly nodding bright blue bells. Very common in Siberia and a fine border plant for the cold parts of this country. Grows quite freely.
- *Rotundifolia** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Blue Bells of Scotland or Harebells). 1 foot. June to August. In the wild it is more slender and taller than in the garden; clear blue flowers. Especially suited for crevices in the rock garden or deep slopes, best planted so as to show pendent habit. Does well also in light shade.
- *Sarmatica** Three \$1.40, Doz. \$4.00, 100 \$30.00
A low-growing, much branched variety. Each plant with 8 to 10 stems not over 16 inches high. Covered with pale blue, bell-like flowers. Foliage a silvery gray. Splendid variety for rockery or border.
- Trachelium** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Coventry Bells). 2 to 3 feet. July and August. Sturdy, hairy plant, with light purple, somewhat drooping flowers.



Campanula Barbata



Campanula Garganica



Campanula Raineri Hybrids



Carnation, Crimson King

Cimicifuga Racemosa



CARNATIONS - Hardy Border

Carnations are one of the most useful and popular flowers. Hardy Border Carnations have acquired, as a result of cross-breeding, the habit of perpetual-flowering.

Culture. Carnations will grow in ordinary good light, well drained soil. Should the soil be very light, add plenty of decayed cow manure. Planting should be done in early fall or spring. They should be placed 12 inches apart; protect lightly during the winter.

Crimson King Three \$1.00, Doz. \$3.00, 100 \$20.00

Here is an outstanding hardy Carnation for the garden, flowering throughout spring, summer, and fall, not shyly but with remarkable freedom. Dozzling crimson flowers on stiff, stocky stems, long enough for cutting. It is exceptionally hardy, growing anywhere. Does not get "lanky" or untidy. A great plant for the border. Never have we seen anything like it in Hardy Carnations or Hardy Pinks.

King of Black Three \$0.85, Doz. \$2.75, 100 \$18.00

Similar to the other kinds in habit; its flowers are of the deepest maroon, almost black.

Rose Queen Three \$0.85, Doz. \$2.75, 100 \$18.00

Prolific blooming. Excellent for cutting and garden planting, this rose-pink carnation is much desired.

Scarlet and Red Shades Three \$0.85, Doz. \$2.75, 100 \$18.00

Dozens of double and single red and scarlet flowers on long stems. Lovely for cutting, are produced during June and July.

White Shades Three \$0.85, Doz. \$2.75, 100 \$18.00

The same as above but with single and double white flowers.

White Gold Three \$0.85, Doz. \$2.75, 100 \$18.00

A fine pale yellow form. Just as free as the others here mentioned.

Mixed Shades Three \$0.85, Doz. \$2.75, 100 \$18.00

A riot of color and flowers in great abundance in June and July, are the result from just a few plants. Cut back all flower stems when through blooming.

CARYOPTERIS - Mastacanthus Superbus

This handsome, free flowering plant makes a woody growth about 2 to 3 feet in height. It branches freely near the ground and makes a well rounded plant composed of elegant long branches which are covered with large whorls of attractive, clear colored flowers arranged in tiers. Blooms during September and early October. Besides its value as a plant in the perennial border it also is splendid for cutting and because blooming late in the season it always is particularly welcome.

Culture. Plant in Spring 2 feet apart in good garden soil in dry sheltered location. Protect in cold sections with straw during the winter.

Mastacanthus Blue Three \$1.20, Doz. \$3.50, 100 \$25.00

Mastacanthus Pink Three \$1.20, Doz. \$3.50, 100 \$25.00

Mastacanthus White Three \$1.20, Doz. \$3.50, 100 \$25.00

CASSIA - Indian Senna

Lovely shrub-like plants for the sunny border. There are several species from which are derived tanning materials, cathartics, etc. Marilandica is the best for our gardens.

Culture. Marilandica does best in rich, moist soil in full sun. Grows about three to four feet high. Plant in fall or spring, 12 to 18 inches apart.

Marilandica Three \$0.85, Doz. \$2.75, 100 \$18.00

Handsome pinnate foliage and numerous racemes of showy yellow flowers during July, August and September. An extremely desirable plant of the easiest culture.

CATANANCHE - Blue Cupidone, or Love-Plant

A native of S. Europe, have hoary, lance-shaped leaves, and crisp, chaff-like, brilliant blue flowers, resembling those of the Everlasting. Is an attractive plant when in flower. Flowers are useful for cutting.

Culture. This perennial requires good, ordinary soil and a dry, well drained, sunny position. Plant in spring. 8 inches apart. If planted in fall, protect lightly during winter.

***Caerulea** Three \$1.00, Doz. \$3.00, 100 \$20.00

Heads of pretty deep blue flowers on long stems. Profuse and excellent cut flowers in great quantities on 18-inch stems during July, August and September.

CENTAUREA - Knapweed

Hardy perennials of easy culture and attractive appearance. Are showy plants in sunny border, and useful for cut flowers. Flowers are more or less thistle-like.

Culture. All will succeed in good, ordinary soil in sunny borders. Best grown in groups of three. Plant in autumn or spring, 8 inches apart; divide and replant every third year.

Dealbata Three \$0.85, Doz. \$2.75, 100 \$18.00

Large and striking, rose-pink flowers. June-July. 2 feet high.

Macrocephala Three \$0.85, Doz. \$2.75, 100 \$18.00

Large, thistle-like, golden yellow flowers; useful for cutting and showy in borders. July and August. 3½ feet high.

Montana Three \$0.85, Doz. \$2.75, 100 \$18.00

(Perennial Cornflower). Grows 2 feet high, bearing large, violet-blue flowers from July to September.

Montana alba Three \$0.85, Doz. \$2.75, 100 \$18.00

White form of the above.

Ruthenica Three \$1.00, Doz. \$3.00, 100 \$20.00

This handsome plant grows about five feet high and bears from July to September, lovely lemon-yellow flowers. Fine for the background of the hardy border.

WAYSIDE GARDENS

CEPHALARIA - Giant Scabious

A tall-growing perennial. Suitable for naturalizing in the wild garden or growing in bolder shrubby borders. They have pinnate foliage, and bear their flowers in terminal heads. Flowers are very useful for cutting.

Culture. Ordinary soil and sunny position. Plant in autumn or spring, 10 to 12 inches apart.

Tatarica Three \$1.00, Doz. \$3.00, 100 \$20.00
Flat heads of showy cream-white flowers on stems 6 feet high, during July and August. Suited for rear of borders, where tall effects are desired.

CERASTIUM - Chickweed

Low-growing perennials, suitable for forming edgings to beds or borders, or for bold masses in the rock garden.

Culture. Ordinary soil and a sunny position. Plant in autumn or spring, 10 to 12 inches apart.

•**Tomentosum** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Snow-in-Summer). A low-growing plant having silvery white foliage and producing an abundance of snow-white flowers in May. Especially suitable for rock or border purposes.

CERATOSTIGMA (See Plumbago Larpentae).

CHEIRANTHUS - Siberian Wallflower

Hardy plants similar to the Wallflower. They are highly esteemed for the delicious fragrance of their flowers, also for the fact of their flowering so profusely in spring and early summer.

Culture. Plant in ordinary well drained light garden soil in full sun. Soil which is heavy or wet will not do as plants are easily winter-killed if planted in low, wet ground. Plant early autumn or early spring, 6 to 8 inches apart. Fall planted plants should be lightly protected during the winter.

•**Allioni** Three \$0.85, Doz. \$2.75, 100 \$18.00
A beautiful rock plant. Dazzling fiery orange flowers on stems about 1 foot high. Best used as a biennial as it frequently blooms itself to death.

CHELONE - Turtle-head or Shell-Flower

Hardy perennials, of easy culture. The flowers, which are borne on 2- to 3-foot stems, resemble a turtle head, and are most useful for cutting.

Culture. They succeed well in a moist, rich soil in a sunny border. Best grown in colonies of three or more, do well along streams or on borders of ponds. Plant in autumn or spring. 10 to 12 inches apart.

Glabra alba Three \$1.00, Doz. \$3.00, 100 \$20.00
Terminal spikes of creamy white flowers.

Lyoni Three \$1.00, Doz. \$3.00, 100 \$20.00
Heads of showy purplish red flowers.

CHRYSANTHEMUM MAXIMUM - Shasta Daisy

Hardy perennials of easy culture, and especially noteworthy for their freedom in flowering. There are two distinct types of this genus. One is the Shasta Daisy, which bears large, white flowers on long stems, and is, therefore, invaluable for cutting, and the other is the Leucanthemum, the Daisy of our meadows. It grows 2 feet high, and bears white flowers freely from June to August. Maximum (Shasta Daisy) is a European species, and the parent of a number of very beautiful varieties, as Etoile d'Or, Mrs. Charles Lothian Bell and others.

Culture. The Shasta Daisies require a deep, rich soil to grow them to perfection. In poor soils they soon assume a weedy aspect. They must have a sunny position. They should be planted 1 foot apart. It is advisable to lift and divide the root stocks every alternate year, then the plants will be more compact in growth and also yield much finer flowers than if left undisturbed. Uliginosum, being a tall grower, should be grown in wide borders or massed in the wild garden. Plant in fall or spring.

Alaska Three \$0.75, Doz. \$2.00, 100 \$18.00
Handsome plant, with large, glistening white blossoms in June and July.

Etoile d'Or Three \$1.40, Doz. \$4.00, 100 \$30.00
Another of the large-flowered English types, producing the largest and best flowers of any we have. July to September.

Glory of Wayside Three \$0.85, Doz. \$2.75, 100 \$18.00
Abundant small flowers and blooms early in May; excellent for front of the hardy border.

Mayfield Giant Three \$1.20, Doz. \$3.50, 100 \$25.00
A lovely, strong growing and free-flowering Shasta Daisy of recent introduction. If old flowers are removed when faded this variety will bloom throughout the summer.

Mrs. C. Lothian Bell Three \$0.85, Doz. \$2.75, 100 \$18.00
Very large, perfectly formed flowers. Continuous bloomer. One of the largest. June to August.



Cheiranthus Allioni

Shasta Daisy, Alaska



**GARDEN CHRYSANTHEMUMS****SEPTEMBER FLOWERING VARIETIES**

In this group we find with a few exceptions all new varieties. Through careful breeding and selecting, the time of flowering of these Chrysanthemums has been advanced by fully a month over the older varieties. They are not only in advance in blooming time but also far ahead in clearness and loveliness of color and are far more attractive in general. Masses of bloom may be had from early September and throughout October.

- Aladdin** Each \$0.30, Doz. \$3.00
(The Perpetual Flowering Chrysanthemum). As the plant develops the lateral branches make a surprising growth, throwing the lateral and sub-lateral flowers well above the first terminal blooms, thus giving a continuous succession of bloom. The first blooms appear late in July and early August, the color at first being an exquisite warm coppery bronze, with an overlay of orange-apricot shade which deepens in early autumn.
- Amber Star** Each \$0.30, Doz. \$3.00
A most attractive buff, suffused scarlet. Of shaggy form and brilliant coloring.
- Amelia** (Pink Cushion) Each \$0.35, Doz. \$3.50
The dwarfest of 'mums, not over 10 inches high. Completely covered with pink blossoms so that the plant resembles an Azalea. Also called Pink Cushion.
- Argenteuillais** Each \$0.25, Doz. \$2.50
Well shaped scarlet bronzy flowers tipped with gold are produced in great quantities. Exceptionally hardy variety of medium height.
- Carrie** Each \$0.25, Doz. \$2.50
As early as Glory of Seven Oaks and of practically the same habit, but the flowers are a clean, clear pale yellow.
- Cavalier** Each \$0.40, Doz. \$4.00
A dazzling rich vermilion-red with medium sized single flowers. Early and showy and very brilliant. Beautiful in the garden.
- Casmas** Each \$0.40, Doz. \$4.00
A unique dark purplish carmine. No other 'mum has a coloring like this. Very brilliant.
- Early Bronze** Each \$0.30, Doz. \$3.00
(Edmund F. Black). A remarkably early flowering, early pompon in full glory in September. Splendid for garden or cutting. Usually free blooming.
- Enchantress** Each \$0.30, Doz. \$3.00
Semi-double rose of delicate, yet strong, clear coloring. Fine in garden and for cutting.
- Glory of Seven Oaks** Each \$0.25, Doz. \$2.50
Soft but clear yellow masses of bloom have made it a great favorite. Medium height and fine for a planting in front of taller varieties.
- Hala** Each \$0.30, Doz. \$3.00
Deep rose, white at base of petals. Medium-sized single. A fine early free-flowering variety. Always does well.
- Harvest** Each \$0.50, Doz. \$5.00
A most unusual color in Chrysanthemums, resembling Breeder Tulip Apricot. A light bronze overlaid with deep old rose. A charming color for the garden as well as indoors.
- Indian Maid** Each \$0.30, Doz. \$3.00
A most attractive, deep orange-terra-cotta; single, medium height and brilliant in color value.

Amelia or Pink Cushion Chrysanthemum

**Garden Chrysanthemums****COLLECTION A**

(Illustrated on page 1)

This collection consists of the following varieties:

Louisa Schling	Provence
Maonlight	Granny Scoville
R. Morion Hotton	Early Bronze

One each of the above 6 varieties, 6 plants, carefully labeled, for \$1.90.

Three each of the above 6 varieties, 18 plants, carefully labeled, for \$4.90.

Six each of the above 6 varieties, 36 plants, carefully labeled, for \$9.75.

- Louisa Schling** Each \$0.50, Doz. \$5.00
This splendid variety is outstanding and should find a place in every collection. The flowers are of good size, fully 3 inches across, with three or four rows of petals, fluffy and distinct in appearance. Glowing salmon-coppery red in color, changing to a lovely soft bronze-salmon as the flower matures. It is a remarkably free flowering variety, healthy and attractive in its growth alone, and one of the first to flower.
- Maonlight** Each \$0.30, Doz. \$3.00
Large pale blush, single variety excellent in the border and with other 'mums to lend contrast to the darker tones.
- October Girl** Each \$0.25, Doz. \$2.50
Semi-double, fully 2 inches across, clear rose-pink on opening, becoming shaded with lavender when fully opened. Very prolific. In full flower by September 20th.
- Ohia Gald** Each \$0.50, Doz. \$5.00
Noted especially for its early blooming. Commences in early September and carries through until late Fall. Fully double, golden orange-yellow flowers produced in abundance. Good habit. Fine for cutting.
- Opal** Each \$0.50, Doz. \$5.00
Splendid medium sized double flowers of an opalescent coppery rose changing to deep salmon-flesh. Most unusual and rare shade.
- Persia** Each \$0.30, Doz. \$3.00
Deep rosy carmine. Well formed semi-double blooms.
- Princess** Each \$0.30, Doz. \$3.00
Very large single white. Splendid for contrasting darker toned varieties.
- Redskin** Each \$0.30, Doz. \$3.00
Large single deep orange-scarlet shading to coppery rose with age. Exceedingly clear in color.
- Sunbright** Each \$0.30, Doz. \$3.00
Single pure yellow flowers which sparkle with life in sunlight. One of the best new sorts.
- The Torch** Each \$0.30, Doz. \$3.00
Very bright orange-scarlet with golden reverse. The semi-double flowers are very clear and brilliant.
- Unique** Each \$0.30, Doz. \$3.00
Deep carmine-rose. Of unique semi-double form. Most attractive as a cut flower and brilliant in the garden.
- Warrior** Each \$0.30, Doz. \$3.00
Deep crimson-maroon with a beautiful golden reverse. Dignified rich coloring. One of the best dark colored new sorts.

COLLECTION B**COLLECTION SEPTEMBER FLOWERING VARIETIES**

1 each of the 25 September varieties, each plant carefully labeled, for \$7.50. Our selection of 12 plants of September-flowering varieties, each plant carefully labeled, for \$4.00.



Queen Marie
Mauve Queen

Sunset
Climax

Hardy Asters

Royal Blue

Alderman Volkes

St. Egwin

The above varieties and several other fine sorts are listed on page 9.



Coronilla Cappadocica

A charming midsummer blooming plant for the rock garden.

See page 19 for description and price.



Salvia Pitcheri

See page 46.



Aster Alpinus, Goliath

See page 10.



Iberis Sempervirens

A fine plant for edging and ground cover.

See page 34.



Asclepias Tuberosa

See page 8.



Korean Chrysanthemums

COLLECTION E

(Illustrated on page H).

This collection consists of the following varieties:

Diona	Daphne
Mars	Ceres
Mercury	Apollo

One each of these 6 varieties, 6 plants carefully labeled, for \$1.75.

Three each of these 6 varieties, 18 plants carefully labeled, for \$4.25.

Six each of these 6 varieties, 36 plants carefully labeled, for \$8.25.

GARDEN CHRYSANTHEMUMS

OCTOBER FLOWERING VARIETIES

Under this heading we have a number of garden Chrysanthemums which are at their best during the first two weeks of October. Later flowering varieties are of little use because they are usually damaged before coming into full bloom by either snow or frost. The colors of all these are sparkling and bright. All kinds offered are useful as cut flowers as well as for garden decoration.

- Adirondo** Each \$0.25, Doz. \$2.50
The small, compact flowers completely cover the plant when in bloom. The flowers are a rich bronze with coppery gold center.
- Bronze Button** Each \$0.25, Doz. \$2.50
Free-flowering, of medium height, producing large heads of tiny button-like, bronze colored flowers.
- Buckingham** Each \$0.30, Doz. \$3.00
Old rose, totally void of any objectionable lilac shades so prevalent in Chrysanthemums. This lovely pastel shaded variety is unquestionably one of the loveliest of recent introduction.
- Copt. R. H. Cook** Each \$0.25, Doz. \$2.50
The clear, deep rose colored petals are tipped golden bronze; creating a most unique appearance. Tall grower.
- Cheerfulness** Each \$0.50, Doz. \$5.00
Golden coppery button-like flowers in profusion which sparkle in the autumn sunlight. Well named.
- Chestnut Burr** Each \$0.40, Doz. \$4.00
Upright in growth and neat of habit. The flowers, 1 1/2 inches across, are produced in quantity fully on top of stem. The color is not found in any other 'mum, being as near to dark brown as it is possible to come. A most artistic color.
- Dozzler** Each \$0.40, Doz. \$4.00
A real dazzling bright red. Most brilliant and outstanding.
- Firebrand** Each \$0.40, Doz. \$4.00
Wonderfully bright semi-double scarlet blooms which combine well with autumn foliage.
- Gronny Scovill** Each \$0.40, Doz. \$4.00
If you would ask us we would tell you that this at present is one of the loveliest of garden 'mums. The full, well formed, fluffy flowers are fully 4 1/2 inches across. The color is a glowing, clear, warm coral-bronze; in full bloom early October. Height 2 feet.
- Gypsy Girl** Each \$0.25, Doz. \$2.50
A garden variety of the single type, crimson in color, shading to chestnut-crimson. It commences blooming in early October, resisting early frosts, and it flowers well into November.
- Horbinger** Each \$0.40, Doz. \$4.00
Compact, dwarf plants covered with good sized single flowers of a deep lavender-blue with a large white halo around the bright yellow disc.

Harvest Home Each \$0.25, Doz. \$2.50
Beautiful midseason-flowering variety. Medium height and covered with large golden yellow flowers about 3 inches across.

Indian Summer Each \$0.50, Doz. \$5.00
Large semi-double flowers of Indian red overlaid a buff-orange. A most unique and unusual shade, resembling the popular Breeder Tulip Indian Chief.

Jean Cumming Each \$0.25, Doz. \$2.50
Large flowers of purest white, with softest yellow and bluish shading at the center of the buds. Growth erect and wiry, height medium. Exceptional keeping qualities.

Lemonode Each \$0.40, Doz. \$4.00
Large lemon-yellow single flowers attractively suffused with red. Free flowering and of good color.

Mrs. H. Harrison Each \$0.25, Doz. \$2.50
Medium height. Plant produces large clusters of fine, full double pink flowers with cream-pink center. Excellent pompon.

October Dawn Each \$0.25, Doz. \$2.50
Soft daybreak-pink, entirely free from contrasting tints. This variety will greatly appeal to those who appreciate the more delicate color-effects. The flowers are of good size, full-petaled, and of nice decorative type.

Ouroy Each \$0.25, Doz. \$2.50
The masses of blooms are a rich bronze with coppery glow. Very early flowering and of medium height, noted for its hardiness as well as its brilliant colors.

Petite Louise Each \$0.25, Doz. \$2.50
Plants completely hidden by pale pink, shaggy flowers about 3 inches across. A very free-flowering sort and a great favorite.

Provence Each \$0.25, Doz. \$2.50
Early and dwarf, very free-flowering sort. Pale pink flowers fading to white with yellow center. Excellent cut flower and hardy.

Rapture Each \$0.40, Doz. \$4.00
Lovely, medium sized, double flowers combining a beautiful deep orange with a lively suffusion of bright carmine.

R. Marion Hotton Each \$0.25, Doz. \$2.50
In addition to exceptional freedom in blooming, it is one of the earliest to flower, and certainly the brightest canary-yellow available, flowering from late September on. It is remarkably resistant to frost.

Rosy Moid Each \$0.40, Doz. \$4.00
Large, clear old rose with large white halo. A charming and free-flowering variety of recent introduction. Excellent for cutting.

Ruth Cumming Each \$0.25, Doz. \$2.50
Regardless of the seasons it has never failed to make a fine showing. Rich reddish-bronze in color, with terra-cotta shades aging to an even, soft bronze tone and one that immediately attracts attention.

White Doty Each \$0.25, Doz. \$2.50
The tall, straight upright flower stalks, never needing any support, carry large heads of pure white pompon flowers. Excellent for cutting or in the background of other varieties.

COLLECTION C

OCTOBER-FLOWERING VARIETIES

1 each of the above 25 October varieties, each plant carefully labeled, for \$7.50.
Our selection of 12 plants of October-flowering varieties, each plant carefully labeled, for \$4.00.

Chrysanthemum, Buckingham





NEW KOREAN CHRYSANTHEMUMS Winter Hardy Varieties (Early October Flowering)

These new creations are especially fine for cold climates where the ordinary Chrysanthemum winter-kills. They are most attractive in color, very early blooming, easier to grow, and more profuse. The lovely new pastel shades, which simply defy accurate description or true color reproduction, suggest the Gerbera in their daintiness. Cut with short stems, they make the most charming table decorations, yet are capable of striking decorative uses if the entire branching sprays are used. They are compelling for color effect in the garden.

Apollo Each \$0.30, Doz. \$3.00
Great sprays of nicely formed flowers clothe the plant in shades of bronze-red, old gold, and glowing salmon. A delightful cut flower and a joy in the garden.

Ceres Each \$0.50, Doz. \$3.00
A lovely combination of old gold, chamois-yellow, and soft coppery bronze. The mature flower petals appear as if dusted with gold. A beautiful bit of color for the Fall garden.

Country Girl Each \$0.50, Doz. \$5.00
Attaining a height of from 4 to 5 feet, with an equal spread. Should be used as a background subject, along the shrub border or as a hedge-row in the rear of the garden where blooms can be cut by the armful. The flower is 3 1/2 inches or more across, and a lovely shade of glistening pink with soft lilac tones. When established is a veritable "Iron-clad."

Daphne Each \$0.30, Doz. \$3.00
An exquisite blending of daphne-pink, with an underlying sheen of lilac-rose, enhanced with prominent golden stamens in the center. Flowers carried in graceful sprays, are especially frost-resistant.

Diono Each \$0.30, Doz. \$3.00
Chatenay-rose-pink, mingled with lilac-rose and soft salmon, the tones of which vary with the degree of light. The triple rays of petals give an appearance of fullness that is none the less dainty.

Hebe Each \$0.50, Doz. \$5.00
Lovely, luminous pink which assumes soft, lavender-pink tones as the flower matures. A faint silvery halo surrounding the golden yellow center effects a lovely combination. Hebe is one of the first to flower, producing masses of delightfully fragrant blossoms in almost unbelievable quantities.

Innocence Each \$0.50, Doz. \$5.00
An effective, dwarf-growing hybrid. It seldom exceeds 18 inches in height, spreads about 2 feet, and is so completely covered with flowers that the plant is obscured when in bloom. Pure white on opening, changing later to an attractive soft pink.

Mors Each \$0.30, Doz. \$3.00
Deep amaranth-red, changing to wine-red, overlaid with a velvety sheen. A distinct and striking color-effect.

Mercury Each \$0.30, Doz. \$3.00
The opening flower is oxblood-red, changing to coppery bronze, and finally to an exquisite blend of old rose and salmon which is retained long after the flower matures.

Orion Each \$0.50, Doz. \$5.00
Brilliant canary-yellow which fairly glitters in the autumn sunlight. Having that lustrous quality peculiar to the Hybrid Korean type, it immediately commands attention. Clean-cut, ray-like flowers are produced freely in erect, branching sprays, forming a plant of tidy habit.

Profusion Each \$0.50, Doz. \$5.00
An effective early-flowering Korean Hybrid. The flowers are about 3 inches across and considerably darker in tone than Ceres but described as a rich, coppery old gold. Extremely free and fragrant.

Vulcon Each \$0.50, Doz. \$5.00
Glowing carmine-red which shades to garnet-crimson and finally to an attractive bronze-crimson as the flower matures. It has a double row of ray-like petals with a conspicuous golden center and is delightfully fragrant. Habit erect and extremely free.

NEW KOREAN CHRYSANTHEMUM COLLECTION D

1 each of the above 12 Korean Chrysanthemums, each plant carefully labeled, for \$4.50.



Clematis Recta

SEPTEMBER FLOWERING KOREAN CHRYSANTHEMUMS

New Early Korean Hybrid Chrysanthemums

From thousands of seedlings of 1934, the following Korean Hybrids were selected, not alone for the novel color tones in many of them, and their variations in form, but most particularly because of their flowering ten days to two weeks earlier than the Korean crosses heretofore offered. The Korean Hybrids have been welcomed not alone for their dainty flowers and graceful plants, but particularly for their increased hardiness. The varieties here offered will begin flowering in early September and continue well through October.

Clio Each \$0.50, Doz. \$5.00
Dwarf, compact plant of pleasing habit producing masses of deep carmine-rose duplex flowers.

Fortune Each \$0.50, Doz. \$5.00
Very vigorous plant of medium height and covered with unique curly petaled oxblood-red flowers 3 to 4 inches in diameter. Very striking.

Hestio Each \$0.50, Doz. \$5.00
The nicely formed semi-double flowers are very freely produced on compact, bushy plants of medium height. The color is a very delicate rose-pink with a white halo around the small yellow disc.

Juno Each \$0.50, Doz. \$5.00
Very dwarf, compact plant, producing an abundance of single flowers opening a coppery-red, and fading with age to a salmon-flesh.

Niobe Each \$0.50, Doz. \$5.00
A vigorous, healthy plant of dwarf compact habit. Flowers over 2 1/2 inches in diameter of a clear glistening white with yellow disc are freely produced fully covering the plant.

Nysa Each \$0.50, Doz. \$5.00
A large, rather tall, upright plant growing 2 1/2 to 3 feet in height and producing a great abundance of single flowers 3 inches in diameter. The color is a very clear rosy-lilac.

Psyche Each \$0.50, Doz. \$5.00
Wonderfully dainty 4- to 5-inch single blooms are produced with wiry stems on strong, healthy plants of medium height. Color, a clean, lively shell-pink.

Soppo Each \$0.50, Doz. \$5.00
Compact dwarf plant covered with good sized pure yellow single flowers.

Tholio Each \$0.50, Doz. \$5.00
A compact, bushy plant growing 18 to 24 inches in height. The duplex flowers are of a lively orange shade and excellent form.

Vesto Each \$0.50, Doz. \$5.00
A plant of medium height and great vigor literally covered with flowers over 2 1/2 inches in diameter of a deep golden orange shade, almost a duplex.

CHRYSANTHEMUM SPECIES

Arcticum Three \$0.85, Doz. \$2.75, 100 \$18.00
(The Arctic Daisy). Forms an attractive rosette-like clump, in September multitudes of flower stems appear, terminated by pure white flowers 2 to 2 1/2 inches in diameter. These begin to develop the last week in September, and continue in good condition throughout October, and frequently into November.

Coreonum Three \$0.85, Doz. \$2.75, 100 \$18.00
(Korean Chrysanthemum). A perennial from Korea of ironclad hardiness. White flowers with golden center. Flowers often turn to a light pink; 2 to 4 feet high, in bloom from October to December.

Moorifolium Three \$1.40, Doz. \$4.00, 100 \$30.00
A most attractive October-flowering species for the rock garden or the border. The plant is bushy in habit with almost pendulent branches which are liberally covered with pink flowers about 1 inch in diameter. A garden treasure because of its late blooming and valuable as a cut flower.

Uliginosum Three \$0.85, Doz. \$2.50, 100 \$18.00
(Syn. Pyrethrum). Giant Daisy. Grows 3 to 4 feet high, covered with large, white, daisy-like flowers from June to September.





Corydalis Cheilanthesifolia

CIMICIFUGA - Snakeroot

Handsome, herbaceous perennials. They have large, palmlike leaves, and small flowers borne in feathery racemes.

Culture. Grow in ordinary moist soil in colonies of six or more, in partially shaded borders or in open woods. Plant in autumn or spring, 8 to 12 inches apart.

Racemosa Three \$0.85, Doz. \$2.75, 100 \$18.00
Handsome shade-loving plant, bearing in July and August spikes of pure white flowers, 4 to 6 feet high; well suited for planting at the back of border, or for naturalizing at the edge of the woods.

Simplex Each \$0.80, Three \$2.00, Doz. \$7.50
Most valuable by reason of its extreme late flowering, beginning in September and attaining full perfection about the middle of October. Its flowering stems are from 2½ to 3 feet high, terminated with a dense spike of white flowers, which, when cut, last in perfection a long time.

CISTUS

Ornamental, free-flowering dwarf small shrubs, about 12 to 24 inches high, with very showy single, roselike flowers in summer. A lovely plant for the rock garden or warm, sheltered, sunny border.

Culture. Well drained, peaty soil suits them best. Plant in sheltered places on the rockery or border in full sun. Perfectly hardy in temperate regions but should have protection in the North. Plant in spring, 10 to 12 inches apart, and do not disturb plants after once planted.

***Radiatus** Each \$0.45, Doz. \$3.50, 100 \$25.00
Fine, shrublike plant for rockery, with yellow cup-like flowers with dark spots. Silvery gray foliage. Fine plants for the South and hot southern exposures. Great favorites in the European rock garden.

CLEMATIS, Dwarf - Shrubby Clematis

Here we only deal with the herbaceous species, the stems of which die down in autumn, and that are of a bushy and non-climbing habit. Those offered are suitable for the mixed border, and make a very effective display when in flower.

Culture. They prefer a chalky, well drained loam. Where this is not available, mix plenty of lime with the soil. Plant in autumn or spring. In autumn cut the stems back to the soil, and give a good mulching of well-decayed manure.

Davidiana Three \$1.20, Doz. \$3.50, 100 \$25.00
A most desirable variety, with fresh, bright green foliage and tubular, bell-shaped flowers of deep lavender-blue during August and September; deliciously fragrant. 2½ feet high.

Integrifolia coerulea Three \$1.20, Doz. \$3.50, 100 \$25.00
A good border plant, growing from 18 to 24 inches high, producing its interesting porcelain blue flowers from June to August.

Recta Three \$1.20, Doz. \$3.50, 100 \$25.00
Grows from 2 to 3 feet high, and produces fragrant, pure white flowers in very large, showy clusters during June and July.

Clematis, Climbing Varieties (See page 54)

COREOPSIS - Tickseed

A useful and attractive herbaceous perennial, both for border and cut flowers. They are of easy culture, and produce their golden yellow flowers in profusion throughout the summer.

Culture. All require a well drained, medium soil. They also need a full, sunny position. Plant in autumn or early spring, 10 to 12 inches apart.

Grandiflora Three \$0.75, Doz. \$2.50, 100 \$15.00
An improved variety with large bright yellow flowers; one of the best hardy plants. Excellent for cut flowers all summer.

Grandiflora auricula superba Three \$0.85, Doz. \$2.75, 100 \$18.00
Large, yellow blooms with eye enriched with reddish band. A most attractive and useful addition to our hardy cut flowers.

CORONILLA - Crown Vetch

Low-growing or creeping perennials of easy culture. Handsome foliage and yellow or purple, pea-shaped flowers are produced in clusters from June until August.

Culture. Any good garden soil will grow them to perfection. Plant in fall or spring, 12 inches apart, in full sun.

***Cappadocica** Three \$1.40, Doz. \$4.00, 100 \$30.00
(Iberica). A first rate and brilliant rock plant. Trailing habit. Glauous leaves and large, rich, long golden flower heads in June and July. Three inches high. Called in England "Lady Fingers." We consider it one of our best plants for low edging. A splendid novelty.

***Varia** Three \$1.20, Doz. \$3.50, 100 \$25.00
A strong creeper; good for covering rough banks; showy heads of pink and white, pea-shaped flowers on 1 to 2 foot stems. From June to August.

CORYDALIS - Fumitory

Attractive dwarf growing hardy perennials. They have prettily divided green or glaucous leaves. Suitable for the margins of borders and chinks of walls or in the rock garden.

Culture. Ordinary, well drained soil and sunny borders. May also be grown in walls or rock gardens. Plant in spring or fall, 6 to 8 inches apart.

***Cheilanthesifolia** Three \$1.20, Doz. \$3.50, 100 \$25.00
Handsome variety with fernlike foliage and long spikes of yellow blossoms, 10 to 12 inches in height. Prefers rich, well drained, stony soil.

CYPRIPEDIUM - Lady's Slipper

Hardy orchids that thrive in a moist, peaty soil in shade or partial shade. Flowers are very interesting with their odd shapes and uncommon colors and markings.

Culture. It is required for best results that they be planted in shade in peaty soil, such as one finds in woods or swamps. Should be carefully watered during dry weather. Do well along streams or small ponds in the rock garden. Plant in fall or early spring 6 to 8 inches apart. Do not disturb, once planted.

***Acaule** Three \$1.35, Doz. \$3.75, 100 \$27.50
(Lady's Slipper; Moccasin Flower). This is often called the Red Lady's Slipper, but the flower is rose-purple in color.

***Pubescens** Three \$1.35, Doz. \$3.75, 100 \$27.50
(Large Yellow Lady's Slipper). Very much like Parviflorum, only the flowers are larger.

***Spectabile** Three \$1.40, Doz. \$4.00, 100 \$30.00
(Showy Lady's Slipper). The finest and most showy of all our orchids. It grows about two feet high, bearing along the stalks several rather large, roundish leaves, and on top one or two quite large, rose-purple or nearly white flowers.

DAPHNE - Garland Flower

These shrubs are of spreading habit and do not grow over 8 to 12 inches high; producing delicately perfumed rose-pink blossoms. The flowers completely cover the plant not only in spring but again in early autumn. As an edging plant in front of evergreens or shrubs, it is unequalled. It also forms a splendid low hedge along garden walks and around flower beds.

Culture. It prefers a sunny position in well drained sandy soil. In order to keep the evergreen foliage perfect, protect it with a little straw during the coldest part of the winter. The plants will withstand temperatures as low as 10 below zero. Water sparingly in summer. Daphnes will not grow well in cold, poorly drained soil.

***Daphne Cneorum**

	Each	Three	Doz.	100
Young, well developed flowering plants, 6-7 inches	\$0.55	\$1.40	\$4.00	\$30.00
Bushy plants, 7-9 inches	.75	2.00	8.00	60.00
Bushy plants, 9-12 inches	1.25	3.25	12.00	85.00
Bushy plants, 12-15 inches	1.75	4.50	15.00	110.00

Cistus Radiatus





DELPHINIUM - Larkspur

Stately and handsome summer-flowering, herbaceous perennials of unsurpassable beauty. Few plants lend a greater attraction to the border in early summer. Fortunately they can be grown in every garden, but in warm, dry parts of the country they do not live long. Best results are obtained in our cooler regions, especially along the Pacific and Atlantic coasts.

Culture. Delphiniums require a rich, generous and well drained soil. On soils of a light or medium nature dig in plenty of well-decayed manure. In those of a heavy nature it is desirable to fork up the sub-soil and compost of two parts loam and one of equal proportions of decayed manure and sand. The plants are best grown in groups of three or six. Allow a distance of at least 18 inches to two feet between the plants. Planting may be done in autumn or early spring. Remove faded flowers, and on no account allow seeds to develop, then a second crop of flowers may be expected later on.

ENGLISH DELPHINIUMS

Wayside Gardens Hybrids Three \$1.60, Doz. \$4.50, 100 \$35.00

Here offered are the newest, the best and the finest to be secured anywhere. The range of colors varies from the palest shade of blue to the deepest indigo-blue and royal purple with many intermediary pastel tones of mauve, pink and lavender blendings. Among these new hybrids are flowers of huge size in both single and double forms. This strain has been raised from seed saved from the finest named kinds in creation. Visitors at our nursery proclaim them the best they have ever seen. Those who wish to perfect their already much prized borders cannot afford to overlook these wonderful hybrids.

Sutton's Hybrid Three \$1.40, Doz. \$4.00, 100 \$30.00

This is one of the newest and at present the most popular strains of the garden Delphinium. It is distinct because of its broad, conical spike and enormous individual flowers, 1½-2 inches in diameter, in all shades of blue blended with mauve and violet. Also contains some fine clear white types.

Blockmore and Longdon Hybrid Three \$1.20, Doz. \$3.50, 100 \$25.00

This English strain is one of the finest developments in the Delphinium family. The flowers are enormous, produced on solid, erect spikes of great height and rigidity. The colors lie in delicate shades of blue, mauve, and pink. Combines landscape value with a grace and elegance for cutting unsurpassed in this family of plants.

Gold Medal Hybrids Three \$1.00, Doz. \$3.00, 100 \$20.00

They are made up from many strains and are a fine mixture for an inexpensive planting.

Fonny Stormonth Three \$1.20, Doz. \$3.50, 100 \$25.00

A lovely pale blue variety growing about four to five feet high, producing its flower spikes in goodly numbers. One of the best kinds of its color.

WHITE HYBRID DELPHINIUMS

Three \$1.40, Doz. \$4.00, 100 \$30.00

Here at last we have a mixture of white Delphinium. The flowers are semi-double, double and single white on 6 foot stems. Graceful enough for cutting still tall and sufficiently substantial to make noble garden plants. They are of easy culture and look splendidly combined with the blue Hybrids. For a succession of blooms do not permit seed to form.

DELPHINIUM CHINENSE - Chinese Delphinium

The Chinese Delphiniums differ materially from the Belladonna or English Hybrids. They rarely grow over three feet in height and bloom about three or four weeks later. The foliage of this variety is almost fern-like, the plants are more graceful and the flowers, which grow in panicles, are of an intense gentian-blue. A lovely thing for the border. Require same treatment as English Delphiniums. They should be planted about 10 to 12 inches apart. Their roots are much smaller than those of the English Hybrids.

Chinense Three \$0.85, Doz. \$2.75, 100 \$18.00

A very pretty variety, with fine, feathery foliage and intense gentian-blue flowers in open panicles.

Chinense album Three \$0.85, Doz. \$2.75, 100 \$18.00

A pure white form of the above.

DELPHINIUM BELLADONNA

The Belladonna Delphinium does not grow quite as tall as the popular English Hybrids, but they produce more spikes and are more graceful, therefore, more useful for cutting. In fact, they are our loveliest early blue flowers for that purpose. They require the same care and treatment as suggested for the English Hybrids, but may be planted a little closer together, 12 inches apart is sufficient space for them. Their lovely blue spikes are about 3 to 4 feet high and produced in June and again in September.

Belladonna. Light sky-blue.	Three	Doz.	100
1-year-old plants	\$0.75	\$2.00	\$15.00
2-year-old plants	1.00	3.00	20.00

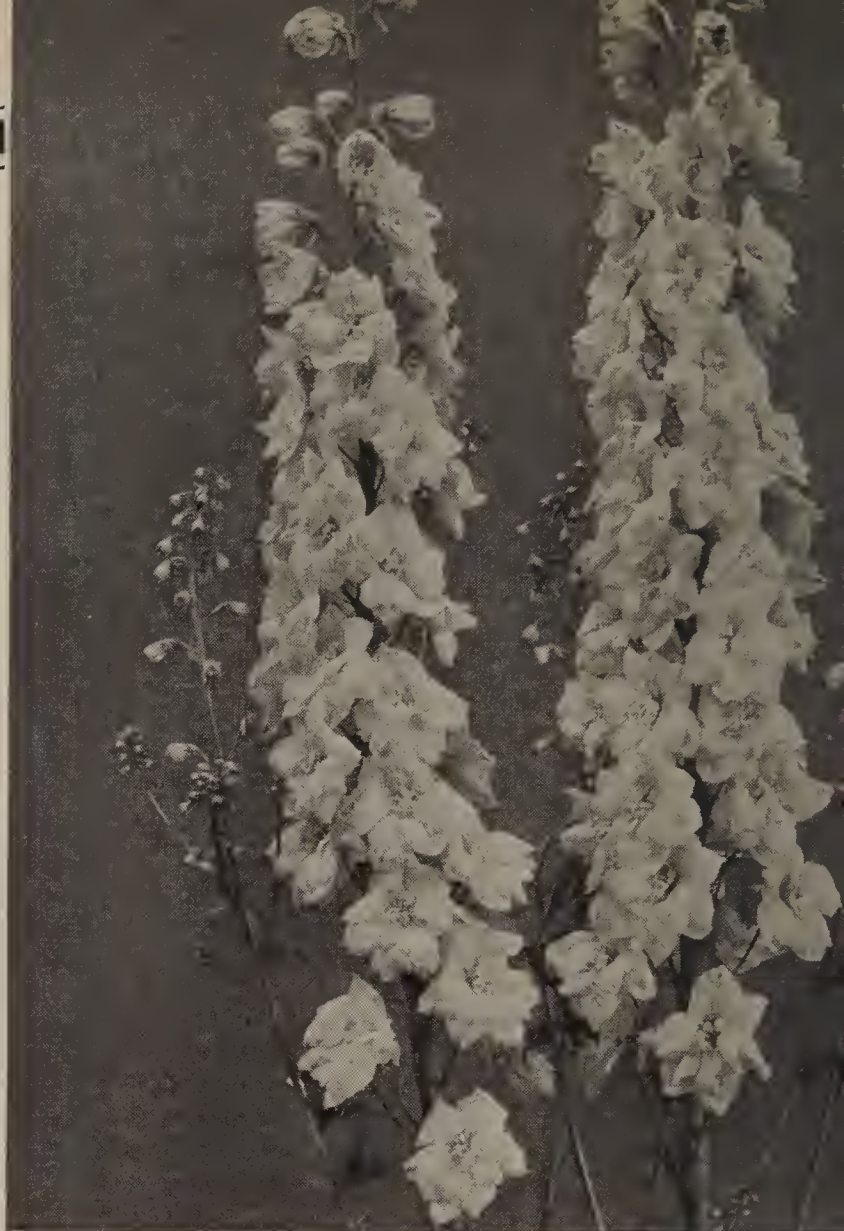
Bellamosa. A dark blue form of Belladonna.

Like the latter and of strong growth.

1-year-old plants	.75	2.00	15.00
2-year-old plants	1.00	3.00	20.00

Cliveden Beauty Three \$1.20, Doz. \$3.50, 100 \$25.00

This is a fine English improvement over the common Belladonna. Growing much taller, many more flowers to each spike and of a brighter color. Altogether a fine improvement.



Delphinium, Wayside Gardens Hybrids



Dianthus Heddewigi



Delphinium Belladonna



Dianthus Plumarius

DESMODIUM

Shrub-like plants producing long willow-like canes which give the plants a lovely effect. Its thousands of purple blossoms are a magnificent sight late in the fall.

Culture. Any good garden soil will do. Plant in full sun in the hardy border together with purple and bronze chrysanthemums or at the base of shrubs. Remove all growth in spring, cutting the plant back to the ground.

Penduliflorum Each \$0.50, Three \$1.40, Doz. \$4.00

A lovely shrub-like plant for the hardy border or shrub border. Arched slender branches are covered with hundreds of drooping racemes of liquid purple flowers which make a gorgeous display late in the autumn

DIANTHUS - Garden Pinks

A great selection of plants for the sunny border or sunny, exposed places in the rock garden or rock wall. In fact, no rock garden is complete without a liberal planting of the various Dianthus. In England where rock gardening is a well understood art, Dianthus are used by the thousands. They are perfectly hardy anywhere.

Culture. Plant in ordinary good soil, which must contain some lime and should be well drained. Planting may be done in fall or early spring, 6 to 10 inches apart, in sunny, dry places in the rock garden, rock wall or on the margin of the border. All love lime and gritty soils.

DIANTHUS - Pinks

Latifolius, Beatrice Three \$1.00, Doz. \$3.00, 100 \$20.00

This everblooming cluster Pink is a very valuable plant for the garden, constantly in bloom from June until September. Its color is a lovely pure pink.

Latifolius, Furth Bismarck Three \$0.85, Doz. \$2.75, 100 \$18.00

Similar to the Beatrice in habit and freedom of bloom, its flowers are, however, several shades darker, more like the color of the Paul Neyron rose.

Plumarius, Gladys Cranfield Three \$1.20, Doz. \$3.50, 100 \$25.00

Single, flowers bright rose, with velvet crimson eye, very fragrant.

Plumarius, Essex Witch Three \$1.00, Doz. \$3.00, 100 \$20.00

Double. Delicate pink; finely fringed.

Plumarius, Her Majesty Three \$1.00, Doz. \$3.00, 100 \$20.00

Double. Very large; purest white.

Plumarius, Highland Hybrids Mixed Three \$1.00, Doz. \$3.00, 100 \$20.00

A beautiful and very varied mixture, including unnamed hybrids of all possible shades. Especially noted for their fragrance and long bloom.

Plumarius, White Reserve Three \$1.00, Doz. \$3.00, 100 \$20.00

Double. Continuous flowering; pure white.

***Plumarius, semperflorens flore pleno** Three \$0.75, Doz. \$2.50, 100 \$15.00

Double and single blooms. Blooms throughout the summer.

Plumarius, Margaret Martin Three \$1.20, Doz. \$3.50, 100 \$25.00

Full double mahogany-crimson flowers in great profusion.

DIANTHUS BARBATUS - Sweet William

This charming old favorite has been in cultivation for some three centuries. Strictly speaking, it is a biennial, but on well drained soils it is perennial in character. There are single and double forms of it, but the former are the hardier and more easily grown of the two.

Culture. Sweet Williams will succeed in good, ordinary rich soil in masses in the mixed, sunny border. Plant in autumn or early spring, 8 to 12 inches apart.

Atrococcineus flore pleno Three \$0.75, Doz. \$2.50, 100 \$15.00

(Double Sweet William). Intense deep scarlet double flowers; very brilliant in the garden and a fine cut flower.

Sutton's Fairy Three \$0.75, Doz. \$2.50, 100 \$15.00

Charming variety of recent introduction, with delicately tinted salmon-pink flowers.

Sutton's Giant White Three \$0.75, Doz. \$2.50, 100 \$15.00

Enormous trusses which might well be mistaken for perennial Phlox.

Sutton's Pink Beauty Three \$0.75, Doz. \$2.50, 100 \$15.00

We have succeeded in fixing the shade of this beautiful salmon-pink variety, which should be grown in every garden.

Sutton's Rich Crimson Three \$0.75, Doz. \$2.50, 100 \$15.00

The richest Sweet William known; although very dark, it is a bright color.

Sutton's Scarlet Three \$0.75, Doz. \$2.50, 100 \$15.00

A remarkable color. The flowers are of an intense scarlet.

Sutton's Mixed Shades Three \$0.75, Doz. \$2.50, 100 \$15.00

Include all the various tints, which give a most pleasing and harmonious effect.

DIANTHUS HEDDEWIGI - Japanese Pinks

Flowers are very large and of the most brilliant colors, varying from pure white to the richest crimson, while many are beautifully laced or striped. For bedding purposes they are of immense value during the entire summer, and they also furnish elegant flowers for bouquets.

Mixed Varieties Three \$0.85, Doz. \$2.75, 100 \$18.00

Their wide range of colors and markings are a constant revelation. In bloom from early spring until late fall, they easily are one of the most satisfactory pinks for garden decoration or cutting.

**DIANTHUS SPECIES**

- ***Alpinus Allwaadi** Three \$1.00, Doz. \$3.00, 100 \$20.00
This is one of the loveliest of all rockery Pinks, with glossy leaves and large flowers of various shades of rose and pink on 4 inch stems, produced during July and August.
- ***Arenarius** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Sand-Loving Pink). This Pink delights in a sandy soil and sun. Flowers white with corolla ring, on 5-inch stems, deeply fringed and fragrant. Excellent for dry, hot places.
- ***Caesius grandiflorus** Three \$1.20, Doz. \$3.50, 100 \$25.00
(Cheddar Pink). It is very compact in growth and makes a cushion of glaucous leaves from which in May, spring the sweet smelling, rose colored flowers. It varies as much as from four inches to ten inches in height.
- ***Cruentus** Three \$1.00, Doz. \$3.00, 100 \$20.00
Dense heads of flowers on long stems. Deep red. Fine border plant.
- ***Deltaides** Three \$0.85, Doz. \$2.75, 100 \$18.00
(Maiden Pink). A beautiful little prostrate plant with narrow leaves, and bearing a profusion of small, crimson flowers during June and July.
- ***Deltaides albus** Three \$0.85, Doz. \$2.75, 100 \$18.00
A charming white form of the above variety.
- ***Deltaides "Brilliant"** Three \$0.85, Doz. \$2.75, 100 \$18.00
Glowing crimson-red; a most striking rock plant.
- ***Knappi** Three \$1.20, Doz. \$3.50, 100 \$25.00
A dainty species producing slender stems which bear clusters of small, yellow blossoms. This is a unique Dianthus as it is the only species which produces yellow flowers.
- ***Libaschitzianus** Three \$1.20, Doz. \$3.50, 100 \$25.00
A lovely species, pure white flowers in great profusion during July. Very lovely plant for rockery or border. About 20 inches high.
- ***Speciosus** Three \$1.20, Doz. \$3.50, 100 \$25.00
A free-flowering, lavender-pink variety; flowers are finely cut, giving a lovely effect; wonderfully sweet scented, growing anywhere.

DIGITALIS - Foxglove

The stately Foxglove is a biennial, and so, in fact, are the many beautiful strains of it with large, spotted flowers. There are, however, three perennial species of considerable beauty which are suitable for the mixed border. All are attractive plants for the shady border or the woodland garden.

Culture. Plants of the perennial species may be planted in autumn or spring, 6 to 8 inches apart, in well drained, good garden soil. The biennial strains are best transplanted early in spring; if fall planting must be done, protect carefully for the winter. All the kinds described will succeed in ordinary soil in sun or in shade. They make a charming effect when grown in mosses, and readily reproduce themselves from seed.

- ***Ambigua or grandiflora** Three \$1.00, Doz. \$3.00, 100 \$20.00
2- to 3-foot spikes in June and July. A hardy plant, with yellowish flowers, marked with brown. Effective in groups in wild garden. This is a good perennial species.
- ***Giant Shirley Hybrids** Three \$1.00, Doz. \$3.00, 100 \$20.00
The flower heads are over 3 feet long, crowded with big, bell-shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractively dotted crimson or chocolate.
- ***Glaxinaeflora** Three \$0.85, Doz. \$2.75, 100 \$18.00
3 to 4 feet. June and July. A popular variety, deep purple. Robust habit.
- ***Glaxinaeflora alba** Three \$0.85, Doz. \$2.75, 100 \$18.00
2 feet. June and July. The white-flowered Foxglove.
- ***Glaxinaeflora rosea** Three \$0.85, Doz. \$2.75, 100 \$18.00
3 to 4 feet. June and July; tall spikes of rose-pink flowers.
- ***Isabellina** Three \$1.00, Doz. \$3.00, 100 \$20.00
A lovely cream-yellow sort of medium height producing 3 to 4 flower spikes to one plant. It is beyond doubt the nicest of all the Foxgloves.
- ***Laevigata** Three \$1.10, Doz. \$3.25, 100 \$22.50
A dignified and handsome perennial Foxglove. Bronzy yellow flowers with whitish lip.
- ***Lutzi Hybrids** Three \$1.00, Doz. \$3.00, 100 \$20.00
The spikes are strong and heavily laden with salmon-rose bells. A fine new Foxglove.

DICTAMNUS - Gas Plant or Fraxinella

An old-fashioned, herbaceous perennial. Once firmly established, a plant will continue to thrive in the same spot for several generations. They have ashlike leaves which emit a delightfully fragrant odor, and the quaintly formed flowers are borne in upright racemes. The inflorescence is covered with glands secreting a resinous, volatile matter, which may be ignited in the evening of hot days without any damage to the plants.

Culture. They require a deep, rich, loamy soil and a sunny, well drained border. Not suitable for heavy, damp soils. Best grown singly, so as to display the handsome contour and beauty of the foliage. Once planted, avoid disturbing the roots. Plant in spring or fall, 10 to 12 inches apart.

- ***Fraxinella caucasicus** Three \$1.20, Doz. \$3.50, 100 \$25.00
A very showy border perennial, forming a bush about 2½ feet, having fragrant foliage and spikes of rosy pink flowers with deeper veins during June and July. It is not advisable to transplant often, as it improves with age, it being one of the most permanent features of the herbaceous border.

- ***Alba** Three \$1.20, Doz. \$3.50, 100 \$25.00
The white-flowered variety of above.



Doronicum caucasicum

DORONICUM - Leopardbane

Very showy yellow-flowered perennial. Their yellow, daisy-like flowers are invaluable for cutting. As they flower chiefly in spring, they are indispensable in the border at that period of the year. They have bright green, heart-shaped leaves which disappear during July and August when the plant is dormant.

Culture. Thrive well in heavy soils and succeed in sunny or partially shaded borders. Best grown in groups of six or more. Plant in autumn or early spring, 6 to 8 inches apart. Lift, divide and replant every third year; remove the flower heads directly after they fade, then a second crop of flowers will follow. Water freely in dry weather. Lovely with pale lavender tulips.

- ***Caucasicum** Three \$1.40, Doz. \$4.00, 100 \$30.00
Large, bright yellow flowers, one of the most effective early spring-flowering perennials. Effective in a hardy border. It is a splendid flower for cutting, as it carries well and stands a long time in water.

P. S.

In the spring Doronicum are always sent in pots so as to avoid damage to tender early growth.

DICENTRA - Bleeding Heart

Old-fashioned perennials; also known under the name of Dielytra. The species named below have fleshy, brittle stems and finely cut, fernlike foliage.

Culture. Spectabilis should be grown in a partially shady border. Eximia will do well in a similar position, or in the woodland garden, or in a shady nook of the rockery. Plant in fall or very early spring, 8 to 12 inches apart.

- ***Eximia** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Plumy Bleeding Heart). A dwarf-growing sort, with beautiful, finely cut foliage and showy racemes of pretty pink flowers throughout the season. Too much cannot be said for this fine border plant as it is equally at home in full shade or sun and perfectly hardy anywhere.

- ***Spectabilis** Three \$1.60, Doz. \$4.50, 100 \$35.00
(Bleeding Heart or Seal Flower). An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive; it is used also for forcing in the house, and is perfectly at home in any part of the hardy border, and especially valuable for planting in clumps.



Digitalis, Giant Shirley Hybrids

DODECATHEON - American Cowslip

A very pretty, dwarf plant with oblong leaves, and nodding Cyclamen-like flowers borne in umbels. Charming for naturalizing in colonies in woodland gardens, in cool, moist, shady borders, or in the rock garden.

Culture. They require a light, loamy soil containing leaf-mold and a little peat, a moist, cool, shady position, such as the margins of woodland borders, or shady spot in the rock garden. Best grown in colonies. Plant in early spring or fall, 4 to 5 inches apart.

***Meadia** Three \$0.85, Doz. \$2.75, 100 \$18.00
(Shooting Star). A pretty perennial, with rose colored or sometimes white flowers in May or June, on 8- to 10-inch stems. This is sometimes called "American Cyclamen." It thrives in rich, moist woods, in the open border or rock garden.

DRABA - Whitflow Grass

One of the important spring-flowering plants for the rockery. Very dwarf and compact with numerous small flowers in early spring.

Culture. A sandy, rocky, open soil and a sunny, well-drained position suits them best. Do not cover plants during winter with any material that might rot the evergreen foliage.

****Fladnizensis.** Three \$1.40, Doz. \$4.00, 100 \$30.00
(Androsacea). A very hardy species from the Arctic regions. Produces a profusion of yellow flowers from March to May. Fine for rock garden.

DRACOCEPHALUM - Dragonhead

Salvia-like perennials. They have palmate leaves, and bear their flowers in whorls on terminal spikes. Interesting plants for the border or rock garden.

Culture. Grow in ordinary, good soil and in a cool, partially shaded position. Best grown in masses of three or more. Plant in fall or early spring, 6 to 8 inches apart.

***Ruyschianum japonicum** Three \$1.20, Doz. \$3.50, 100 \$25.00
Flowers blue; central lobe of corolla with a blue border and white spots, might be called a blue Physostegia. 2 feet. July and August. Good for cutting.

ECHINOPS - Globe Thistle

Handsome perennials with pinnate or spiny foliage, woolly beneath, and globular, thistle-like flowers. A well grown plant has a pleasing effect in the border.

Culture. Ordinary soil in sun or light shade in border or wild garden. Plant in autumn or spring 10 to 12 inches apart.

Bonnaticus Three \$1.00, Doz. \$3.00, 100 \$20.00
One of the tallest globe thistles. Its fine steel blue heads reared 5 feet high are always very effective in the hardy border.

Ritro Three \$1.00, Doz. \$3.00, 100 \$20.00
Interesting and showy thistle-like plants with globular heads of deep metallic blue flowers during July and August, which can be dried and remain attractive for a long time. 2 to 3 feet high.

EDELWEISS (See Leontopodium).

EDRAIANTHUS - Wahlenbergia

Plants allied to the Campanula, and belonging to the same order. They are mostly suitable for rockery culture.

Culture. They will succeed in good, ordinary, well drained soil, and may be grown as an edging or in masses on the margin of a sunny border, or rock garden. Plant in spring or early fall, 6 to 8 inches apart.

***Dalmaticus** Three \$1.20, Doz. \$3.50, 100 \$25.00
Low border or rock plant about 3 to 4 inches high, producing blue flowers not unlike the Platycodon; this plant is very rare.

EPIGAEA - Trailing Arbutus

A somewhat shrubby plant of creeping habit, capital for the shady rock garden or open woods.

Culture. Requires a well drained, porous soil and a shady but not too dry position. Shade the evergreen foliage slightly during the winter to prevent burning. Plant in fall or spring, 8 to 10 inches apart. Do not disturb when once planted. They are very difficult to establish in new locations.

Repens Three \$1.40, Doz. \$4.00, 100 \$30.00
(Mayflower). Likes acid soil, therefore plant in some place where lime will not hurt it. Very difficult to transplant. Sent only at your risk.

ERODIUM - Heron's Bill

This genus belongs to the Geraniums and flowers throughout the summer. The blooms are quaint and very attractive.

Culture. They require a sandy loam and well drained position. Plant in Spring only.

Chamaedryoides roseum Each \$0.50, Doz. \$5.00
A tiny alpine which flowers throughout the season. Forms neat little tufts of pretty, glossy leaves covered with delicate pink veined flowers carried on 2 inch stems. It likes sun.

ERIGERON - Fleabane

A very effective genus of Michaelmas Daisy-like plants usually with pink and purple flowers; are indispensable for groups and flower borders and are excellent for cutting. All are about 2 feet high except *Alpinus*.

Culture. Ordinary, fairly moist soil and a sunny position will suit all. The dwarf kinds should be grown in the rock garden. Plant in autumn or early spring, 10 to 12 inches apart. Lift, divide and replant every third year.

***Alpinus** Three \$1.20, Doz. \$3.50, 100 \$25.00
A dwarf species suitable only for rock gardens. Plant bears an attractive head of purplish flowers throughout the summer.

Macranthus Three \$1.20, Doz. \$3.50, 100 \$25.00
A fine hardy perennial with violet flowers, effectively used in mass plantings in borders together with Hardy Asters, *Bocconia* or other tall plants for backgrounds.

Speciosus Three \$1.00, Doz. \$3.00, 100 \$20.00
Large, handsome blue flowers, violet tinted and yellow centers during June and July; fine for cutting.

EPIMEDIUM - Barrenwort

Dwarf perennials with handsomely marked and leathery leaves which assume a bronzy tint in autumn. Dainty little plants for colonizing on the margins of partially shaded borders and rock gardens. Foliage is classic in design and most useful for cutting.

Culture. Grow in peat and loam in partial shade. Plant in colonies of three or more in fall or spring, 6 inches apart. Do not remove old leaves, as they help to protect the plants in winter.

***Macranthum** Three \$1.70, Doz. \$5.00, 100 \$40.00
A dwarf-growing plant suitable for a shady position in the rock garden, edge of border or for mass planting under trees where grass will not grow. The leathery, bronzy green foliage and panicles of small, cream-white flowers in May make it one of the most attractive small plants in cultivation.

ERINUS

Small tufted hardy plants about three to four inches high, suitable for the rock wall or on steep sides of the rock garden in crevices where it will freely produce its rosy purple or white flowers.

Culture. Requires well drained ordinary soil, when protected from excessive moisture it is perfectly hardy. Plant in fall or early spring, 3 inches apart.

***Alpinus roseus** Three \$1.00, Doz. \$3.00, 100 \$20.00
Pretty rosettes of foliage and racemes of rosy purple flowers. A first rate rock plant and also invaluable for establishing on old walls or between steps. 4 inches. May and June.

***Alpinus albus** Three \$1.20, Doz. \$3.50, 100 \$25.00
White form of the above.

**EUPATORIUM - Hemp Agrimony; Hardy Ageratum**

Hardy Perennials of somewhat robust habit, and suitable for large, mixed borders or the wild garden. The flowers are produced in terminal corymbs.

Culture. Ordinary soil and a half-shady position. Plant in autumn or spring, 12 to 15 inches apart.

Agrotoides Three \$1.00, Doz. \$3.00, 100 \$20.00
(Thoroughwort). A useful border plant of strong, free growth, 3 to 3½ feet high, with minute white flowers in dense heads; splendid for cutting in August and September.

Coelestinum Three \$1.00, Doz. \$3.00, 100 \$20.00
A pretty, hardy plant, with light purple-blue flowers similar to the ageratum; in flower from August until frost. 12 to 14 inches. Good cut flower and of easy culture.

EUPHORBIA - Spurge, Milkwort

Hardy perennials with handsome foliage. The flowers are yellow or white surrounded by involucres or bracts, which impart a quaint appearance to the flower heads. In some cases the flowers are inconspicuous, the real attraction being the colored bracts and foliage. Corollota is especially suited for cutting.

Culture. Euphorbias succeed best in poor soils and sunny position in the rock gardens or raised borders. Under such conditions they will flower more freely than in a rich soil. Plant in autumn or spring, 8 to 10 inches apart.

Corollota Three \$1.00, Doz. \$3.00, 100 \$20.00
(Flowering Spurge). Showy and useful plant growing about 24 inches high, and bearing from June till August umbels of pure white flowers much like the Bob's Breath, and excellent for cutting.

***Myrsinites** Three \$1.00, Doz. \$3.00, 100 \$20.00
A prostrate plant with beautiful bluish foliage. The yellow flowers in early spring do not matter. It is the foliage which makes this plant so valuable.

***Polychromo** Three \$1.40, Doz. \$4.00, 100 \$30.00
(Epithymoides). A beautiful formal plant growing one foot high, forming a hemispherical clump covered with yellow flowers in May and June. Excellent border or rock plant.

ERYTHRAEA

Small perennials with grasslike foliage. Dainty subjects for a sheltered spot in the rock garden. There are several species, annual as well as biennial, of not much use. Diffusa is best suited for American gardens.

Culture. A light, sandy loam in a protected nook of the rock garden is required for this most charming little Alpine plant. Give slight protection during winter. Very well worth growing. Plant in early spring, 4 to 6 inches apart.

***Diffusa** Three \$1.40, Doz. \$4.00, 100 \$30.00
A charming little Alpine plant which does best in a dry, sandy soil in light shade. A lovely and very valuable little rock plant. In summer it is covered with clear pink flowers on stems 4 inches high.

Dicentra Eximia

**ERYNGIUM - Sea-Holly**

Handsome, hardy perennials with rigid, spiny leaves, and thistle-like flowers surrounded by spiny bracts. They are decidedly attractive plants for sunny borders. The flower heads, with their metallic blue or silvery bracts and stems, are beautiful subjects for cutting for indoor decoration.

Culture. They will thrive in ordinary, well drained soil and a sunny border. May be grown singly or in groups. Plant in autumn or early spring, 10 to 12 inches apart. They are particularly well adapted for sandy soils.

Amethystinum Three \$1.20, Doz. \$3.50, 100 \$25.00
(Syn. Oliverianum). The true blue Thistle, with amethyst stems and bracts. 2 feet high. At its best in July and August. Beautiful for cutting.

Giganteum Three \$1.20, Doz. \$3.50, 100 \$25.00
A very fine giant variety. The plant is very strong, entirely blue-green. When cut and dried, it makes one of the finest specimens for winter decorations. 2 feet high; at its best in August.

Plonum Three \$0.85, Doz. \$2.75, 100 \$18.00
Bronching heads of steel-blue flowers; stems and bracts of a glistening metallic sheen; about 30 inches high. At its best in July and August.

ERYSIMUM - Rock Wallflower or Hedge-Mustard

Dwarf growing perennials suitable for growing as edgings or in masses on the margins of sunny borders or exposed places in wall or rock gardens. Very showy plants with fragrant, Wallflower-like blossoms.

Culture. Ordinary soil on the edge of sunny borders or in rock gardens. Plant in fall or spring, 8 to 10 inches apart.

***Pulchellum** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Fairy Wallflower). Dwarf plant with sulphur-yellow flowers. Six inches high; good rock plant.

FERNS - Hardy Varieties

The cultivation of Hardy Ferns is remarkably simple. All they want is a little light alluvial soil, a little loam and peat or leaf mold sufficient to keep the soil light and open, plenty of moisture, position varying from partial to deep shade. The Aspleniums and many others will grow on walls, chinks of rocks, etc. Many will revel in full sunshine in any ordinary border.

Culture. A shady position is, of course, preferred, or a spot which gets practically no sun, will be an ideal place for a fernery. If the position should be a very damp one, it will be advisable to raise the surface about 6 inches to a foot. Thoroughly mix a liberal supply of good brown peat with the existing soil, to give a good start. When the plants have become over-grown, lift, divide and replant early in April or fall. For a good effect plant 8 to 10 inches apart.

Adiantum pedatum Three \$1.00, Doz. \$3.00, 100 \$20.00
(Hardy Maidenhair Fern). Most attractive of our native Ferns; black stems with delicate green fronds; does well in moist spots.

***Aspidium acrostichoides** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Wood Fern). (Polystichum). An evergreen species with deep green, divided fronds. Should be planted in a shady position. 12 inches

Aspidium spinulosum Three \$1.00, Doz. \$3.00, 100 \$20.00
(Dryopteris spinulosa). (Spinulosa Wood Fern). An evergreen variety that requires rich, well drained soil. 18 to 24 inches.

Asplenium filix-foemina Three \$1.10, Doz. \$3.25, 100 \$22.50
(Lady Fern). Grows in shade or sun. Large and handsome. 3 feet.

Cystopteris bulbifera Three \$1.00, Doz. \$3.00, 100 \$20.00
(Bladder Fern). Light green fronds, which attain a length of nearly 3 feet, make it useful for massing on moist banks or for lining walks where a low carpet effect is desired. Plant the crowns just at the surface and 8 inches apart.

Dicksonia punctilobula Three \$1.00, Doz. \$3.00, 100 \$20.00
(Dennstaedtia punctilobula). (Hay-scented or Gossamer Fern). Grows well in either sun or shade. 18 to 24 inches. Very erect with broad fronds, of soft, woolly texture.

***Onoclea sensibilis** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Sensitive Fern). Requires wet places either in sun or shade. 12 inches.

Osmunda cinnamomea Three \$1.10, Doz. \$3.25, 100 \$22.50
(Cinnamon Fern). Erect fronds, drooping at tips, with bright cinnamon colored spores at ends of fronds; a very conspicuous variety.

Osmunda Cloytoniana Three \$1.10, Doz. \$3.25, 100 \$22.50
(Interrupta). A distinct and very beautiful native species; foliage velvety green, with prominent brown spores in middle of fronds.

Osmunda regalis Three \$1.10, Doz. \$3.25, 100 \$22.50
(The Royal Fern). Wonderful in damp, marshy places, where its rich yellowish green foliage and golden stems make very striking subjects.

***Polypodium vulgare** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Common Polypody). One of the best evergreen species for rockwork. Grows 4 to 10 inches high, forming dense mats. Plant about 4 to 6 inches apart for quick results and cover the new bulbs slightly.

Struthiopteris germanica Three \$1.00, Doz. \$3.00, 100 \$20.00
(The Ostrich Fern). A very graceful species with finely cut pinnules, growing 2 to 3 feet high.

***Woodsia obtusa** Three \$1.10, Doz. \$3.25, 100 \$22.50
Large rosettes of curious hoary foliage. Fronds 1 foot in length; very free growing.

FEVERFEW (See Matricaria).

FOXGLOVE (See Digitalis).



Aquilegia

Sutton's Long Spurred Hybrids

They are a lovely mixture from which all harsh tones have been removed. See page 8.

3 for \$1.20; doz., \$3.50;
100 for \$25.00.

New Dwarf Asters

They rarely exceed one foot in height. The plants are completely covered with blooms in September and October. They are perfectly hardy. See page 9 for further details and prices.





**Dianthus Caesius Grandiflorus
(Cheddar Pink)**

A really fine plant for edging walks or for the rock garden. See page 22.



English Delphiniums, Sutton's Hybrids

These are especially noted for their fine, full, conical spikes and large flowers. See page 20.



FUNKIA - Plaintain-lily or Japanese Day-lily

Hardy, herbaceous perennials with handsome green or variegated foliage, and lily-like flowers borne on graceful spikes. The ovate, cordate, or lance-shaped leaves grow in tufted form. Excellent plants for growing in sunny or partially shady borders on the margins of water or as edgings to beds and walks.

Culture. Funkias require to be grown in a rich, well manured soil. The variegated kinds are best grown in partial shade. The others will succeed in sunny borders, by the waterside, or as specimens in groups. Subcordata should be grown in a warm, sheltered position. Plant in fall or early spring, six inches apart.

Coerulea lanceolata Three \$1.00, Doz. \$3.00, 100 \$20.00
Broad green leaves; blue flowers from July to August.

Glauca Three \$1.40, Doz. \$4.00, 100 \$30.00
A very fine Japanese species with large blue-gray leaves. It makes a fine specimen plant in the border, may also be used in the rock garden.

***Lancifolia** Three \$0.85, Doz. \$2.75, 100 \$18.00
Long, narrow leaves, dull green, produced in abundance; lilac-blue flowers during July and August; excellent plant for shade and edging to shady walks.

Subcordata grandiflora Three \$1.20, Doz. \$3.50, 100 \$25.00
Very large, pure white, lily-shape, fragrant flowers in August and September. One of the best and used very extensively as a ground cover for Lily beds. The foliage provides protection to the bulbs and the flowers because of their lily-like appearance blend in well with the taller growing Lilies.

Variegata Three \$1.00, Doz. \$3.00, 100 \$20.00
Variegated foliage; blue flowers. Beautiful edging plant.

GAILLARDIA - Blanket Flower

We consider the Gaillardia one of the most desirable hardy plants in cultivation, and our strain of these brilliant flowered plants to be the finest extant. We recommend the Gaillardia for bedding purposes as well as for borders. Everyone will have noticed how grandly Gaillardias have thriven through droughts; they seem hardly to need water. The gay blossoms are obtainable in perpetual profusion from June to November, and the greater the drought and scarcity of other flowers the more the utility of the perennial Gaillardia is demonstrated. No more beautiful and brilliant sight can be imagined than a large bed of Gaillardia, with their profusion of highly colored flowers.

Culture. A rich, but light soil is essential to grow Gaillardias successfully. They cannot be depended upon to survive the winter on heavy, clay soils, but do splendidly on those of a light or medium character. They require a sunny position. Plant in fall or spring, 6 to 8 inches apart. The plants show to the greatest advantage when grown in groups. It is advisable in fall to protect them from frost with a little dry covering of straw.

GAILLARDIA, SUN GOD

Here we have one of the greatest of garden flowers. The plants are of neat, upright growth. The foliage is a fine silvery gray-green. The stems are often 2 feet long topped with magnificent chamois-yellow flowers. Gaillardia Sun God is a real acquisition. It is in bloom the entire summer no matter how hot or dry the weather. A wonderful garden plant and handsome cut flowers.

Strong plants ready to flower. Each \$0.50; Doz. \$4.50.

Improved English Strain Giant Hybrids Three \$0.85, Doz. \$2.75, 100 \$18.00
In lovely shades of orange, yellow and red all summer and fall. Flowers measuring 4 inches or more across. The finest mixture available.

GALEGA - Goat's Rue

Showy plants of the easiest culture and very useful. They have pinnate foliage, and pea-shaped flowers borne in racemes throughout the summer. Of great value for cutting. They are distinctly attractive plants for sunny borders. Plants are of strong, compact habit.

Culture. Grow in ordinary, rich soil in a sunny position. Plant in autumn or spring, 6 to 8 inches apart. Every third year lift, divide and replant.

Officinalis nana rosea flore pleno Three \$1.00, Doz. \$3.00, 100 \$20.00
Very fine double pink variety; rather rare.

GALAX

***Aphylla** Three \$0.85, Doz. \$2.75, 100 \$18.00
A pretty little evergreen from the mountains of North Carolina, having shining red or green leaves. Stalks a foot high, bearing many small, white flowers. Hardy in cold latitudes.

GALIUM - Ladies' Bedstraw

Slender plants creating a rather airy effect. Often used in Europe for curdling milk.

Culture. Any well drained, good garden soil in a sunny position in the rock garden suits them best. Plant in fall or spring, 6 inches apart.

***Atropurpureum** Three \$1.00, Doz. \$3.00, 100 \$20.00
Erect, thin stems, topped with many attractive, small, purple flowers used to lighten the effect of heavier flowers. It is also good in rockeries and on banks. The general effect is that of the Gypsophila. It is because of the legend that one of these plants was in the hay on which the Mother of Christ rested that it received the name of Ladies' Bedstraw.

GAULTHERIA - Wintergreen

***Procumbens** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Aromatic Wintergreen). A low evergreen, with bright green leaves. Flowers white followed by the bright red berries, which remain until the next season. Give the bed a covering of leaves. It takes a whole season to establish this plant.

GERBERA - Transvaal Daisy

Lovely tender perennials. Their brilliant sunlike flowers are produced on leafless stems about 18 inches high all summer.

Culture. Grow in full sun, prefer a moist, peaty loam and should be protected very carefully during winter in cold regions. They may also be potted up in fall and will continue blooming indoors. In temperate sections of the country they only require a light protection. Plant in spring only, 6 inches apart.

Jamesoni Giant Hybrids Three \$1.40, Doz. \$4.00, 100 \$30.00
A lovely mixture of brilliant orange, pink and yellow shadings; in pots, available in spring only.

GERANIUM - Crane's-bill

These are the true Geranium, and are quite distinct from the so-called "Greenhouse Geranium," which are really Pelargoniums. Those offered are very interesting plants for growing on the margins of sunny borders or in the rock garden.

Culture. Ordinary light or medium soil and a sunny position will suit these plants admirably. They should be grown in groups on the margins of borders or in the rockery. Plant in autumn or spring, 8 to 12 inches apart. Once established do not disturb them, then they will grow and flower with great freedom, and produce a pretty effect the entire summer.

***Argenteum** Three \$1.60, Doz. \$4.50, 100 \$35.00
Silver leaved variety; good for hot, dry places in rock or wall garden.

Endressi Three \$1.20, Doz. \$3.50, 100 \$25.00
Handsome foliage and soft rose-crimson lined flowers make this one of the very desirable summer-flowering low border or rock plants. Never over 10 inches high. Does well in full sun or half shade.

***Grandiflorum** Three \$1.20, Doz. \$3.50, 100 \$25.00
A lovely deep blue variety about 20 inches high. For shady places in the rock garden or at the base of shrubs.

Ibericum Three \$1.20, Doz. \$3.50, 100 \$25.00
Handsome serrated foliage. Large lilac-blue flowers, blooming all summer; compact bushy plants. 18 inches.

***Sanguineum** Three \$1.10, Doz. \$3.25, 100 \$22.50
Attractive foliage and bright crimson flowers all summer. 18 inches.

Wallichianum, Burtons Blue Three \$1.40, Doz. \$4.00, 100 \$30.00
A lovely new variety from England. Great quantities of rich blue flowers are produced early in summer. It is an excellent subject for the rock garden, as well as the hardy border. Does well in shade.

Geum, Lady Stratheden





GENTIANA

Gentian

Exquisitely beautiful Alpine perennials, many species of which are admirably suited for border and rock garden. The taller and stronger growing species succeed admirably in grass in colonies in a moist partially shaded border. Gentians may, indeed, be regarded as the most beautiful of hardy perennials.

Culture. Gentians require no special care to grow them successfully. Grow in a rich, moist loam containing a fair amount of well-decayed cow manure. Best grown in mosses as an edging to a partially shaded border or rock garden. It is advisable in all cases to mix leaf mold freely with the soil before planting. Top dress with well-rotted manure in spring. See that the plants are well supplied with moisture in dry weather. Gentians do not like to have roots disturbed, so do not interfere with them once they are established. Plant in fall or spring, 6 to 8 inches apart.

- ***Andrews** Three \$1.00, Doz. \$3.00, 100 \$20.00
One of the most fascinating native plants. The flowers, which are tightly closed, are borne at the top of a stem from 6 to 8 inches long, and are an intense deep blue. Blooms best in moist places. July and October.
- ***Cruciata** Three \$1.60, Doz. \$4.50, 100 \$35.00
The ubiquitous little cluster headed Gentian of the entire Alpine ranges. The small bright blue flowers are four-lobed. August and September flowering.
- ***Fragifolia** Three \$1.40, Doz. \$4.00, 100 \$30.00
Another beautiful Gentian of neat habit and easy culture. Gorgeous sapphire-blue flowers in midsummer.
- ***Freyniana** Three \$1.60, Doz. \$4.50, 100 \$35.00
A beautiful plant in the way of *Gentiana Septemfida* and possibly a geographical form of it. Quite low growing, it sends out short trailing shoots, set with pairs of dark glossy leaves and ending in two or three large bells of bright blue. Rarely exceeds 6 inches in height.
- ***Lagodechiana** Three \$1.40, Doz. \$4.00, 100 \$30.00
Easily grown and resembles the *Septemfida*. It is, however, prostrate. Not over 2 to 3 inches high, flowering in July. Its sapphire-blue flowers are magnificent.
- ***Purdomi** Three \$1.40, Doz. \$4.00, 100 \$30.00
A new species introduced by Purdom, and a fine addition to the list of Gentians. Lovely blue flowers in July and August.
- ***Sceptrum** Three \$1.60, Doz. \$4.50, 100 \$35.00
An erect-growing plant from 2 to 4 feet high, with dark blue, bell-shaped flowers during August and September. Lovely in open woods in half-shade; loves a peaty soil.
- ***Septemfida** Three \$1.40, Doz. \$4.00, 100 \$30.00
A very easily grown variety about 9 to 12 inches high with clustered heads of sapphire-blue in midsummer.

Gentiana Lagodechiana



Gentiana Cruciata

GEUM - Avens

Most useful hardy perennials. The varieties offered are showy, free-flowering kinds producing a wealth of attractive flowers which are much prized for cutting. They are of a tufted habit of growth, with pinnate leaves. Excellent for the border.

Culture. All succeed in good, ordinary soil in sunny borders. They, however, require plenty of moisture in summer. Best grown in groups. Plant in autumn or spring, 6 to 8 inches apart. If planted in fall it is well to protect them carefully for the winter.

- ***Coccineum, Mrs. Bradshaw** Three \$1.00, Doz. \$3.00, 100 \$20.00
A splendid variety, with large, double flowers of a fiery orange-red, blooming nearly all summer. Grand for cutting.
- ***Lady Stratheden** Three \$1.00, Doz. \$3.00, 100 \$20.00
A new introduction of great merit. Rich golden yellow blossoms, counterpart of Mrs. Bradshaw. Also a splendid cut flower.

GENISTA - Dyers Greenweed; Broom

Shrubby plants for growing in dry, sunny borders or on banks. Golden yellow flowers produced freely from May to August.

Culture. Ordinary soil and a sunny position. Plant in autumn or spring, 12 to 18 inches apart. Protect with straw in winter, in colder parts of country.

- ***Juncea** Each \$0.50, Doz., \$4.00, 100 \$30.00
A very fine little spring shrub about two feet high with silky, small leaves; the flowers are freely produced in drooping heads. It is the hardiest of the Genistas.
- ***Sagittalis** Each 45c, Doz. \$3.50, 100 \$25.00
(Dwarf Prostrate Broom). The stems are curiously winged like an arrow, pealike flowers in clustered heads in June. Plant in warm, sheltered part of rock garden. Plant is about 6 inches high.

GYPSOPHILA - Chalk-Plant; Baby's Breath

They are remarkable for their numerous feathery panicles of small, starry, white or pink flowers borne in profusion on threadlike stalks during early summer. The flowers are highly prized for cutting.

Culture. *Gypsophila* will succeed in any well drained and not too heavy soil. They are very partial to lime, and it is well to mix some lime with the soil before planting. A sunny position is essential. Plant all fully two feet apart. Repens 8 inches apart. Plant in autumn or early spring.

- ***Bristol Fairy** Three \$1.40, Doz. \$4.00, 100 \$30.00
A wonderful new introduction. Bristol Fairy produces large panicles of double, white flowers, in which the individual blossom is larger, and of the purest white. It also flowers continuously throughout the summer.
- ***Paniculata compacta** Three \$0.85, Doz. \$2.75, 100 \$18.00
When in bloom in August and September it forms a symmetrical mass 2 to 3 feet in height and as much through, of minute white flowers having a beautiful gauzelike appearance.
- ***Paniculata flore plena** Three \$1.60, Doz. \$4.50, 100 \$35.00
A light and graceful cut flower, compatible with all others, no matter of what shape or color; masses or minute double white flowers. Plants offered are grafted, and we guarantee all plants to be double.
- ***Repens** Three \$0.85, Doz. \$2.75, 100 \$18.00
A beautiful trailing plant for the rockery, with clouds of small, white and pink flowers in July and August.
- ***Repens rosea** Three \$0.85, Doz. \$2.75, 100 \$18.00
A pale pink-flowered form of the above variety; both lovely in the rock garden or in the dry wall.
- ***Rakejeka** Three \$0.85, Doz. \$2.75, 100 \$18.00
(*Acutifolia*). Blush white "Baby's Breath." Tall grower, and a good cut flower.

GYPSOPHILA REPENS BODGERI

A new pink dwarf double-flowering *Gypsophila* reaching a height of about 2 feet. It blooms at least 2 weeks earlier than any other double-flowering form which makes it particularly desirable either used for garden display or for cutting. 50c each; \$5.00 per dozen.





Geranium Ibericum

GRASSES - Hardy Ornamental

There are several varieties of hardy grasses that are distinctly attractive plants for the flower garden. Many of them are of noble, and others of medium or low growth. All produce a striking effect when growing in isolated positions on the lawn, or add to the grace of the border by their elegant green or variegated foliage.

Culture. All will thrive in good, ordinary and well drained soil. Plant in early spring or fall, about 2 feet apart for the tall growing varieties; dwarf sorts about 12 inches apart. All should have a protective covering of dry straw placed around the base in autumn. In dry weather give plenty of water.

- Elymus glaucus** Three \$0.85, Doz. \$2.75, 100 \$18.00
(Blue Lime Grass). Handsome Grass with narrow, glaucous silvery foliage. Well adapted for the border or edge of beds with taller sorts. About 18 inches high.
- Erianthus ravennae** Three \$1.20, Doz. \$3.50, 100 \$25.00
(Plume Grass or Pampas). 10 to 12 feet high, frequently throwing up 30 to 50 flower spikes topped with silvery plumes.
- Eulalia gracillima univittata** Three \$0.85, Doz. \$2.75, 100 \$18.00
(Japan Rush). Graceful habit, with very narrow foliage; of a bright green color, with a silvery mid-rib. 6 to 7 feet, with fine plumes.
- Eulalia japonica** Three \$1.00, Doz. \$3.00, 100 \$20.00
Long, narrow, graceful green foliage, and when in flower the attractive silvery grey plumes are 6 to 7 feet high.
- Eulalia japonica variegata** Three \$1.00, Doz. \$3.00, 100 \$20.00
Very ornamental; long, narrow leaves, striped green, white and often pink or yellow.
- Eulalia japonica zebrina** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Zebra Grass). The long blades of this variety are marked with broad, yellow bands across the leaf. It makes a very attractive specimen plant for the lawn. 6 to 10 feet high and silvery plumes.
- Festuca glauca** Three \$0.85, Doz. \$2.75, 100 \$18.00
(Blue Fescue Grass). 12 to 15 inches. Ornamental Grass. Grown for dense tufts of very narrow, bluish leaves. Used for edgings or for contrast with darker foliage.
- Pennisetum japonicum** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Fountain Grass). A beautiful Grass whose flower heads are produced in the greatest profusion. Color rich mahogany, conspicuously tipped with white.
- Phalaris arundinacea variegata** Three \$0.85, Doz. \$2.75, 100 \$18.00
(Variegated Ribbon Grass). Leaves longitudinally striped with white; very ornamental; sometimes runs wild about old places. 18 inches.

HELIANTHEMUM - Sun Rose or Rock Rose

Dwarf, evergreen, shrubby perennials. Very showy plants for a sunny place in the rock garden or on dry banks. They soon spread, and form dense masses of pleasing foliage studded with brilliantly colored flowers.

Culture. All require a sandy, well drained soil. Heavy and damp soils are quite unsuitable. Plant about eight inches apart in autumn or spring. Must have full exposure to the sun and protection with dry straw in winter. Plant in permanent location, as all Helianthemums resent transplanting.

- *Album plenum** Three \$0.85, Doz. \$2.75, 100 \$18.00
Double white.
- *Buttercup** Three \$0.85, Doz. \$2.75, 100 \$18.00
Golden yellow; single.
- *Clara Middleton** Three \$1.20, Doz. \$3.50, 100 \$25.00
Single; rich orange.
- *Fireball** Three \$0.85, Doz. \$2.75, 100 \$18.00
Bright scarlet; double.
- *Rhodanthe carneum** Three \$1.20, Doz. \$3.50, 100 \$25.00
Large, pink flowers, silvery foliage.
- *Sudbury Gem** Three \$1.20, Doz. \$3.50, 100 \$25.00
Single, crimson-bronze.
- *Choice Mixed Varieties.** Three \$0.85, Doz. \$2.75, 100 \$18.00
We offer 3-inch pot plants ready to bloom, which establish without any difficulty.

GLOBULARIA - Globe Daisy

A dwarf-growing perennial suitable for growing on the margin of sunny borders and very showy in the rock garden. They have evergreen foliage, and blue flowers, borne in globular heads on 6-inch stems.

Culture. A rich, sandy loam and a sunny position will suit all. Best grown in colonies. Plant in fall or spring, 6 inches apart.

- *Trichosantha** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Globe Daisy). A dwarf, tufted little plant with beautiful lavender flower heads. Does well in front of a well drained border and is a brilliant picture in the rock garden.

HELENIUM - Helen's Flower

A showy and useful family of plants for the summer and autumn decoration of the border, and lovely copper shaded or yellow flowers for cutting.

Culture. All will thrive in good, ordinary light soil, all require a sunny position. May be grown singly or two feet apart in masses. Plant in autumn or spring.

- Autumnale superbum** Three \$1.00, Doz. \$3.00, 100 \$20.00
Broad heads of deep golden yellow flowers in late summer. Grows 5 to 6 feet high.
- Bigelovi** Three \$1.00, Doz. \$3.00, 100 \$20.00
Quick growing, branching plants. 3 to 4 feet high; quite showy during August with terminal clusters of deep yellow flowers; brown centered.
- Crimsan Beauty** Three \$1.60, Doz. \$4.70, 100 \$35.00
Crimson-red blooms in profusion. Plant of medium height and neat habit. One of the darkest of Heleniums.
- Gaillardiaefolium** Three \$1.40, Doz. \$4.00, 100 \$30.00
Glowing bronzy red petals with just a tip of golden yellow. 3 feet.
- Polyphyllum** Three \$1.00, Doz. \$3.00, 100 \$20.00
A fine delicate bushy plant about 24 inches high, completely covered with small golden yellow, daisy-like blooms of slightly smaller size than the hybrid forms given above.
- Pumilum magnificum** Three \$1.40, Doz. \$4.00, 100 \$30.00
Large, golden yellow flowers; one of the most floriferous and useful border plants in cultivation. Early, flowering from July to October. Can be successfully used in place of Coreopsis where a more restrained plant is required. Height 12 to 18 inches.
- Rivertan Beauty** Three \$1.00, Doz. \$3.00, 100 \$20.00
Pure lemon-yellow, with large disc of purplish black. 3 to 4 feet high; early fall.
- Rivertan Gem** Three \$1.35, Doz. \$3.75, 100 \$27.50
Old gold suffused with bright terra cotta, changing to wallflower-red. 3 to 4 feet high. From August to October.
- Mixed Shades and Colors** Three \$0.85, Doz. \$2.75, 100 \$18.00
A fine mixture of the various shades and tones of yellow, gold, bronze, and old gold. Very desirable where an effect in these tones is required.

Erianthus Ravennae





Heliothis Scabra Excelsa

HELIOPSIS - Orange Sunflower

Allied to the perennial Sunflower, belonging to the same order, and natives of America. They bear their large, orange colored flowers on long, wiry stems, and are invaluable for cutting.

Culture. Grow in ordinary rich soil in a sunny border. They make a most effective feature grown in bold masses. Plant in autumn or spring, 12 inches apart. Lift, divide and replant every third year.

Pitcheriana Three \$0.85, Doz. \$2.75, 100 \$18.00
A desirable variety. The flowers are of a beautiful deep golden yellow, about 2 inches in diameter, very thick texture and a useful cut flower. Stems 3 feet high, from July to August.

Scabra excelsa Three \$1.00, Doz. \$3.00, 100 \$20.00
Chrome-yellow flowers, turning to a bright yellow as they mature. These are almost double. The plant is about 3 feet high, and from mid-July to the end of September makes an effective display.

HELIANTHUS - Perennial Sunflower

Very showy and attractive plants for border decoration, massing in the wild garden or flowers for cutting.

Culture. Ordinary soil and a sunny position will suffice to grow Helianthus. Lift, divide and replant every second or third year to keep the plants compact and shapely. Few plants can equal the Helianthus for providing a gay display of color in the autumn garden. Plant in fall or spring, 12 inches apart.

Maximiliani Three \$0.85, Doz. \$2.75, 100 \$18.00
The latest of all. Golden yellow flowers in graceful sprays 6 feet long, in October. Fine for cutting.

Mollis Three \$0.85, Doz. \$2.75, 100 \$18.00
An improved variety of tall growth and having large flowers. A decided improvement and most beautiful sort.

Multiflorus fl. pl. Three \$1.00, Doz. \$3.00, 100 \$20.00
Clear yellow; closely resembling a small dahlia in shape and finish. 4 feet high.

Sparcifolius Three \$0.85, Doz. \$2.75, 100 \$18.00
The best of the summer-blooming varieties of hardy Sunflowers. Flowers 3 inches in diameter and freely produced. Plant grows 3 to 4 feet high, and spreads rapidly. Fine for the border, and for planting among shrubs.

HERNIARIA - Rupture-wort

Many species are found in Western Asia. The wild English variety, *Glabra*, is considered one of the best hardy trailers of prostrate habit.

Culture. Grows well in full sun in a poor, sandy soil between stepping stones or in the rock garden. Good for covering graves if ground is too dry, sandy, or poor to grow grass. Plant in fall or spring, 4 inches apart.

****Glabra** Three \$1.20, Doz. \$3.50, 100 \$25.00
Prostrate creeper; excellent for planting between stones in terrace or between stepping stones; foliage mosslike, green shading to bronze in winter.

HESPERIS - Sweet Rocket or Dame's Violet

An old and popular garden flower much beloved and grown by our grandmothers. The flowers are very fragrant.

Culture. Will grow anywhere, and freely reproduce themselves from seed. Plant in early spring or fall, 8 to 10 inches apart in full sun or light shade.

Matronalis Three \$0.85, Doz. \$2.75, 100 \$18.00
Fragrant, purple flowers in showy spikes. 2 to 3 feet. June and July. Desirable for wild garden, shrubbery or mixed border.

Matronalis alba Three \$0.85, Doz. \$2.75, 100 \$18.00
A white-flowered form of the above named sort. Also sweet scented and fine in the border.

HEMEROCALLIS - Day Lilies

Beautiful hardy perennials belonging to the lily order. For generations great favorites in all gardens, both here and abroad. The numerous species have long, narrow leaves and yellow or orange flowers, many of which possess a delicious fragrance. Very graceful and stately plants for the waterside, naturalizing in grass, or growing in the partially shaded border.

STANDARD VARIETIES OF HEMEROCALLIS

Aurantiaca Three \$1.00, Doz. \$3.00, 100 \$20.00
A strong growing and free flowering variety, producing rich orange-yellow flowers in early summer. 2 feet.

Dr. Regel Three \$0.85, Doz. \$2.75, 100 \$18.00
Handsome, rich orange-yellow flowers in May. Very fragrant. Fine for cutting. 1½ feet.

Flava (Lemon Lily). Sweet scented, clear full yellow; 2½ feet. Flower in June. Three \$1.10, Doz. \$3.25, 100 \$22.50

Florham Three \$1.10, Doz. \$3.25, 100 \$22.50
A strong grower, 3 to 3½ feet high, large, trumpet-shaped flowers; rich golden yellow, with Indian yellow markings. June and July.

Fulva (Brown Day Lily). Coppery orange, shaded crimson. 3 feet. July. Three \$0.85, Doz. \$2.75, 100 \$18.00

Hyperian Each 60c
Is a cross between Hemerocallis Sir M. Foster and Hemerocallis Florham. It was raised at Iriscrest and appears to be one of the finest of its genus. The flowers are a fine citron yellow on stout stems about 40 inches tall. It is a very imposing variety.

Kwansa Three \$1.00, Doz. \$3.00, 100 \$20.00
Large, double-flowered variety with rich golden bronze flowers in July and August.

Thunbergi Three \$0.85, Doz. \$2.75, 100 \$18.00
Much like Flava, but flowers in July, a month later. Spikes 2 to 3 feet tall, and pale yellow blossoms.



Helium, Crimson Beauty



HEMEROCALLIS - Day Lilies

Culture. A rich, well manured, moist soil is essential for growing these plants successfully. They also prefer partial shade, but do excellently in full sun. May be grown singly or in masses. Plant one to two feet apart in autumn or spring. Lift, divide and replant every third year to ensure the plants flowering freely.

NEW BETCHER HEMEROCALLIS OF GREAT MERIT

Bay State Each \$1.00, Doz. \$10.00
Brilliant and glistening deep yellow flowers on 4-foot stems. In full bloom about June 28th. Free-blooming and robust in growth.

Goldeni. Each \$1.00, Doz. \$10.00
Large quantities of deep golden orange flowers. Vigorous and a most effective garden variety. Midseason.

Gypsy Each \$1.00, Doz. \$10.00
Brilliant deep orange flowers on 3-foot, slender stem. In full bloom July 5th. Stems are slender and plant is of medium size. A showy plant for the small border.

J. A. Crawford Each \$1.00, Doz. \$10.00
Rich apricot-yellow shaded light cadmium. Many flowers on 4-foot stems; at their best about June 25th. A lovely plant which looks well in light shade.

Lemona Each \$1.00, Doz. \$10.00
Delicate and pale lemon-yellow flowers on 4½-foot stems. Blooms are at their best July 1st. One of the finest large blooms, much like a large Japanese Iris in form.

Mrs. W. H. Wyman Each \$1.00, Doz. \$10.00
Lovely light pale lemon-yellow flowers on 4-foot stems. In full bloom August 1st. Very free-flowering and lasts a long time. Latest to bloom of all Hemerocallis.

The Gem Each \$1.00, Doz. \$10.00
Rich, deep orange-yellow flowers on 3½- to 4-foot stems. In full bloom June 20th. Very finely formed bloom, equal to the best Lilies; truly a gem.



Hemerocallis



Helianthemum Varieties

HELLEBORUS - Christmas Rose or Lenten Rose

There are two distinct types, one, Christmas Rose, flowering in late winter, and the other, Lenten Rose, in spring. Both are valuable for garden decoration because of their flowering during the dull period of the year.

Culture. Require to be grown in a cool, moist, shady position, such as under the shade of trees or among ferns. The ideal soil is a retentive loam, freely mixed with leaf mold and well-rotted manure. As Helleborus are impatient of disturbance at the roots it is advisable to select a position for them where they will not be required to be disturbed for many years. Planting may be done in fall or spring, 12 inches apart. Each autumn add a top dressing of leaf mold and well-rotted manure, and let it lie on the surface. In summer give plenty of water.

Niger Each Doz.
Strong, 4-year-old field-grown plants \$0.80 \$9.00
Helleborus Niger is a dwarf growing hardy plant, able to withstand temperatures many degrees below zero. Its palmlike leaves are evergreen and of leathery substance. In December, January and February, depending upon locality where grown, large, single, white, bell-like flowers which last for weeks, are produced regardless of cold or snow.

Orientalis. Each Doz.
Mixed colors \$0.50 \$5.00
Orientalis is known as the "Lenten Rose." The colors of its flowers range from pale green through white from pale brown to the deepest tones of chocolate-red. Easier grown than Niger, very interesting plants for shady nooks. Can only be supplied in mixed colors.

HEUCHERA - Alum Root; Coralbells

Neat-growing and graceful flowering perennials yielding an abundance of flowers suitable for cutting; effective subjects for the margins of borders, as edgings to walks, flower beds, and excellent for the rock garden. They have heart-shaped leaves and bear their dainty blooms in graceful panicles or racemes.

Culture. Heucheras require a well-drained, fairly rich, and not too heavy soil, also a sunny position. Plant 6 inches apart in autumn or early spring. Each spring top dress with well-decayed manure. Lift, divide and replant every third year for best results.

***Brizoides** Three \$1.00, Doz. \$3.00, 100 \$20.00
Has more robust foliage and better habit than Heuchera sanguinea; the flowers are pale pink and produced profusely in May.

***Pluie de Feu** Three \$1.20, Doz. \$3.50, 100 \$25.00
A lovely coral-red variety and lovely for the rock garden.

***Rosamundi** Three \$1.20, Doz. \$3.50, 100 \$25.00
We have carefully tested several varieties of Heuchera in all the pink shades during the past few years, and we find that this is the most desirable of the coral-pink sorts. It is a strong grower, not subject to any blight, and produces an abundance of fine coral-pink blossoms on tall, strong stems, which last over two months.

***Perry's White** Three \$1.00, Doz. \$3.00, 100 \$20.00
Pure white flowers which go well with the red and pink varieties, flowering from June to September.

***Sanguinea** Three \$1.00, Doz. \$3.00, 100 \$20.00
Flowers bright crimson, on 12- to 18-inch stems in June to September; very free flowering. Nice for cutting. Excellent for rock garden.

***Wayside Gardens Hybrids** Three \$1.00, Doz. \$3.00, 100 \$20.00
Especially noted for their luxuriant foliage and robust growth. Therefore used principally as an edging to beds or walks. The rich green foliage is tinted with bronze or reddish brown veins and attractive throughout the entire season.



Double Hollyhocks

HIBISCUS - Mallow

About one hundred and fifty to two hundred species are known, some annual, others perennial or as shrubs. We are dealing here only with the Giant Mallow of recent introduction which is a tall plant about three to four feet high with immense, white, pink or red, hollyhock-like flowers, freely produced during the summer.

Culture. A rich, moist, well drained soil suits them best. Best planted as single specimens in full sun in the border or in groups of three or more on the lawn. Plant in fall or spring, 24 inches apart.

Hibiscus, New Giant-Flowering

A wonderfully improved form of our greatly admired native Marsh-mallow or Rosemallow.

Hibiscus, Red, Pink or White in Separate Colors

Three \$1.00, Doz. \$3.00, 100 \$20.00

Hibiscus, Mixed Colors

Three \$1.00, Doz. \$3.00, 100 \$20.00

HOUSTONIA - Bluet or Lady's Cushion

Low-growing, grasslike plants which in spring turn a meadow into a carpet of blue. The effect created by them is, in America, what the Gentian does in Switzerland.

Culture. Prefer a loamy soil, richly mixed with peat and must have a constant supply of water at the roots. Grow in full sun and plant in fall or very early spring, 2 to 3 inches apart, in rock garden or along sunny edge of stream or pond.

***Coerulea**

Three \$1.00, Doz. \$3.00, 100 \$20.00

A lovely little plant for the rock garden, where it will self-seed and establish itself freely. Plant in fall or very early spring.

HOLLYHOCKS - Althea Rosea

Handsome garden flowers full of sentiment and association with the past. Extensively grown not only in this country, but throughout the world; were originally derived from *Althea rosea*, a Chinese species. When well grown, there are no finer hardy plants in the garden than a good group of them in full flower. At one time preference was given to the double-flowered kinds, but people are beginning to realize that the single flowered sorts have a distinct beauty and charm of their own.

Culture. Hollyhocks require a rich, generous, well drained soil. If in the least degree heavy, add plenty of sand and manure to lighten it, and should it be inclined to be too light, dig in plenty of cow manure with a little heavy loam. The plants must have full sun, and they show to the best advantage when grouped together in bold masses. As the plants grow 6 to 8 feet high, they must, of course, be grown at the back of the border, and they should be fully eight inches apart. Plant in fall or spring.

Double Triumph Mixed

Three \$1.20, Doz. \$3.50, 100 \$25.00

A lovely new type from England, beautifully fringed flowers of many new shades not heretofore seen in Hollyhocks. The unusually lovely fringed flowers certainly make this a worth-while addition to the garden.

New Allegheny

Three \$0.85, Doz. \$2.75, 100 \$18.00

Immense semi-double flowers, with fringed edges.

SINGLE, Mixed

Three \$0.85, Doz. \$2.75, 100 \$18.00

It is best not to transplant too heavy and big roots; finest results are obtained from young plants that have not yet flowered. All orders are filled with this vigorous young stock.

Prince of Orange

Three \$1.20, Doz. \$3.50, 100 \$25.00

A beautiful double orange variety of great charm.

DOUBLE

Three \$0.85, Doz. \$2.75, 100 \$18.00

Separate colors as follows: **Bright Rose, Maroon, Newport Pink, Red, White, Yellow and Mixed.**

Double Imperator Mixed

Three \$1.20, Doz. \$3.50, 100 \$25.00

Stately plants with formal begonia-like flowers. Charming combination of colors of great variety. Another valuable English novelty.

HYPERICUM - St. John's Wort or Rose of Sharon

Many of the species are small, dwarf shrubs. However, there are quite a few that are true perennials. The flowers are yellow and noteworthy for the prominent group of stamens in the center. All are lovely garden subjects for borders as well as the rock garden.

Culture. The dwarf species should be grown on the margin and the taller ones toward the front of sunny borders. Good, ordinary or sandy soil will suit their requirements. Calycinum is suitable for covering banks or massing. Plant in early spring, 8 to 10 inches apart. The perennial varieties may also be planted in the fall.

***Reptans**

Three \$1.20, Doz. \$3.50, 100 \$25.00

Distinct, prostrate, trailing species from the Himalayas. Very large, soft yellow flowers, tinged reddish in July and August. Good rock plant. Shrubby varieties for low borders and rock gardens.

Ascyran

Three \$1.20, Doz. \$3.50, 100 \$25.00

(*Pyramidatum*). Upright growing perennial about 2 to 3 feet high. Clusters of flowers in July. Each flower is about two inches in diameter. Good for the background in the border.

***Calycinum**

Three \$1.20, Doz. \$3.50, 100 \$25.00

Similar to *Moserianum*, except that it makes underground runners, which, when they come up, produce a beautiful carpet of green covered with large, yellow blossoms. Ground cover; hardiest of all; 20 inches.

Henryi

Three \$1.40, Doz. \$4.00, 100 \$30.00

The same as *Moserianum*, though slightly more upright. A lovely little shrub.

***Moserianum**

Three \$1.40, Doz. \$4.00, 100 \$30.00

A most desirable border shrub about 20 inches high, of free and graceful habit, producing long, slender stems, drooping, apparently from the weight of the flowers and buds, although the flowers face so none of their beauty is lost. Color a rich golden yellow, and bloom continuously the entire season.

WAYSIDE GARDENS

INCARVILLEA - Trumpet-Flower

Fleshy rooted perennials of striking beauty. They have handsome, coarsely toothed or pinnate leaves, and showy, trumpet-shaped flowers borne in terminal racemes. Choice plants for the sunny border. *Grandiflora brevipes* is a lovely thing in the rock garden, not growing over 4 to 6 inches tall.

Culture. All require a deep, rich, loamy and well drained soil and a sunny position. Not suitable for heavy or damp soils. Best planted in March and grown in groups of six or more. Plant 8 inches apart.

Delovoyi Three \$1.20, Doz. \$3.50, 100 \$25.00
Rose-pink flowers produced in large trusses on stiff, 18-inch stems.

***Grandiflora brevipes** Three \$1.20, Doz. \$3.50, 100 \$25.00
This is the best sort for rock gardens, about 8 inches high with large crimson-purple flowers. A splendid rock plant, easily grown.

INULA - Fleabane

Hardy perennials, with sunflower-like blooms. Suitable for the margins of sunny borders. The flowers are useful for cutting, lasting a long time in good condition.

Culture. Of easy culture in any ordinary soil. Grown in a sunny position in colonies. Plant a foot apart, in autumn or early spring. Divide and replant every third year.

Hirto Three \$1.20, Doz. \$3.50, 100 \$25.00
Stems 12 to 15 inches high with brilliant flowers in July and August. A splendid plant for in front of the hardy border.

Royleana Three \$1.20, Doz. \$3.50, 100 \$25.00
A new introduction from the Himalayan wilds. The flowers are 5 to 6 inches in diameter, rich golden yellow, resembling sunflowers except that the petals are fine and graceful. Not over 18 to 24 inches high. One of the finest new border perennials and most unusual.

IRIS KAEMPFERI - Japanese Iris

Iris Kaempferi belong to the most magnificent of our garden flowers, a field of them in bloom is a most gorgeous sight. Even a single plant growing on the edge of a pool or stream never fails to bring forth favorable comment. The foliage is also very ornamental. Seeing them for the first time, one cannot withhold an exclamation of surprise and having once seen can never forget their striking beauty. The collection below is one of the finest and most distinct in this country; many growers have come to us for their stock.

Culture. Late plantings should be protected by a light covering of straw or leaves after the ground is permanently frozen to prevent roots from being heaved out of ground by frost. Plant in spring or September and October. Avoid all lime.

Cotherine Porry Three \$1.20, Doz. \$3.50, 100 \$25.00
Double blue, overlaid with rich purple glow; high tufts in center.

Columbia Three \$1.40, Doz. \$4.00, 100 \$30.00
Double blue with pure white veins, yellow center; a striking variety of unusual strength.

Eleonor Porry Three \$1.40, Doz. \$4.00, 100 \$30.00
Double. Claret-purple, flaming and blue as flower ages. Compact, medium sized.

Foscination Three \$1.40, Doz. \$4.00, 100 \$30.00
Double. Mauve-pink, lightly veined white. Beautiful variety.

Gold Bound Three \$1.20, Doz. \$3.50, 100 \$25.00
A fine double, pure white; creamy glow at the gold-banded center.

Koko-No-Iro Three \$1.20, Doz. \$3.50, 100 \$25.00
Six large, royal purple petals, with a yellow center, radiating into lines. Most brilliant Iris.

Mahogany Three \$1.40, Doz. \$4.00, 100 \$30.00
Large, double flowers, the latest to bloom. Purple-mahogany-red. The erect petals prettily crested.

Matchless Three \$2.00, Doz. \$6.00, 100 \$50.00
Large, double flowers heavily veined blue on white ground with rich blue blotch around yellow center.

Purple and Gold Three \$1.20, Doz. \$3.50, 100 \$25.00
Double. Rich violet-purple with white petaloids, tipped violet. Conspicuous golden throat with bluish white rays.

Pyromid Three \$1.20, Doz. \$3.50, 100 \$25.00
Double. Violet-purple veined white in center of each petal.

Queen of the Blues Three \$1.40, Doz. \$4.00, 100 \$30.00
Double; delft blue veined white. Handsome flower with gold center.

Red Riding Hood Three \$1.40, Doz. \$4.00, 100 \$30.00
A fine single amaranth, veined and suffused white. A color combination hard to find.

Shadow Three \$1.40, Doz. \$4.00, 100 \$30.00
Single. Self color, reddish purple. Very large fine blossoms.

Templeton Three \$1.40, Doz. \$4.00, 100 \$30.00
Double; reddish violet mottled and marbled white; of exceedingly fine form.

T. S. Wore Three \$1.40, Doz. \$4.00, 100 \$30.00
Double. Reddish violet flowers of large size, beautiful white center; lemon-yellow markings.

We will supply one root each of any variety you may select at one-third the price of three.

Mixed Colors Three \$0.75, Doz. \$2.50, 100 \$15.00
Both single and double varieties. Splendid mixture of the choicest Japanese varieties.



Japanese Iris



NEW GERMAN IRIS

There are so many fine Irises introduced each year that it is very difficult to pick out the best. However, in this list will be found those that are universally hailed as wonderful improvements, or have already proven their claims as superfine Irises. All of these varieties are definite improvements over older ones of similar coloring, or are of new and novel shades. "S" denotes the Standards or upper petals; "F", the Falls or lower petals.

- Allure** Each \$0.60, Doz. \$6.00
Exquisitely blended. An entirely new break in color. Its ground color is rich canary-yellow, flushed and overlaid with bright rose-pink, while the beard and style arms are pure canary-yellow. Its coloring is particularly soft and lustrous, and of wonderfully delicate beauty.
- Anne Marie Cayeux** Each \$1.50, Doz. \$15.00
One of the best light blends. A French introduction, given an Award of Merit by National Horticultural Society in France. S. pinkish lilac, flushed grey; F. metallic blue over grey; the "iridescent colorings of a pigeon's throat" to use originator's description.
- Beau Sabreur** Each \$0.50, Doz. \$5.00
An exceptionally fine Variegata with large blooms on tall well-branched stems. S. bronze aniline yellow; F. oxblood-red. Very brilliant in color effect. Strong, fast grower.
- Black Wings** Each \$2.50, Doz. \$25.00
A new "black" Iris that is gorgeously deep in tone. S. deep Fluorite violet; F. deeper Fluorite violet, with black veins, and so very velvety that at some angles they are absolutely black. Blooms of good size, form, and substance, and a hardy plant. Very fragrant, and a great achievement in breeding, as it is very nearly black.
- Blue Banner** Each \$0.75, Doz. \$7.50
A glorified bicolor. Best of its type. S. lavender-blue, beautifully frilled; F. deep rich velvety blue, with lavender border.
- Blue Velvet** Each \$1.50, Doz. \$15.00
One of the most beautiful and appropriately named, as the entire flower seems to be cut out of velvet and the color is a deep intense blue.
- Clara Naves** Each \$3.00, Doz. \$30.00
A very warm, brilliant blend of Talisman rose colors. S. bright apricot, suffused rose-red; F. peach, overlaid copper. A lovely medley of peach, salmon, apricot, and copper.
- Coppersmith** Each \$0.35, Doz. \$3.50
Fine large flowers of velvety coppery red. One of the best.
- Dauntless** Each \$1.50, Doz. \$15.00
Winner of highest International honors, the Dykes Memorial Medal. The finest and purest red-toned Iris introduced to date.
- Day Dream** Each \$1.00, Doz. \$10.00
A blend of pinkish tones, with falls darker than the standards. Fine large flowers.
- Depute Namblat** Each \$2.00, Doz. \$20.00
Another Dykes Medal Winner. Generally considered the finest Iris in the world. Of gigantic size and perfect form and texture, on tall, nicely branched stems. S. coppery red, flushed golden bronze; F. rich claret-crimson. The entire flower seems to be lightly dusted with fine golden powder, which sparkles in the sunlight, giving it an unusual richness.
- Dally Madison** Each \$0.50, Doz. \$5.00
A beautiful blend of the Quaker Lady type, but far more delicately colored. A bloom of the largest size and perfect shape on tall strong stems, and one of the finest Irises.
- El Capitan** Each \$0.50, Doz. \$5.00
Mammoth flower in manganese-violet color. Largest and finest of its type.
- Firefall** Each \$0.50, Doz. \$5.00
Fiery red. One of the best of this type. A real red Iris. Free blooming.
- Frieda Mohr** Each \$0.50, Doz. \$5.00
Lacust fragrance. A deep pink of gigantic size and perfect form. A flower will fill a 7-inch ring. Constant prize-winner.
- Grace Sturtevant** Each \$1.00, Doz. \$10.00
Dark brown-red and violet-carmine. The flowers are exceptionally velvety, illumined by a vivid orange beard. A very brilliant and carrying color, that attracts instant notice.
- King Juba** Each \$1.50, Doz. \$15.00
A very fine new large flowered Variegata, with clear yellow standards, and brilliant velvety red falls. Much larger bloom and taller, stronger growth than the older Variegatas.
- King Mildas** Each \$1.00, Doz. \$10.00
S. golden buff, suffused garnet-brown; F. very velvety rich garnet-brown, edged golden buff. A heavy beard of deepest orange and a golden haft illumine the center of the bloom. A flower of soft, beautiful colors, and fine size, substance, and finish. Very early.
- M. A. Parter** Each \$1.75, Doz. \$17.50
An exceedingly rich deep violet, with velvety falls and deep orange beard. One of the best of the new giant flowered varieties.
- Mary Barnett** Each \$0.25, Doz. \$2.50
Glorified Princess Beatrice. Very fragrant. One of the best light blues.
- Mary Elizabeth** Each \$1.50, Doz. \$15.00
One of the finest of the newer American introductions. A large, well formed flower of most attractive colorings; the various colors combining to give a rich rosy effect.

- Nene** Each \$1.50, Doz. \$15.00
A gigantic bloom over nine inches in height, with petals of proportionate width, Nene is the largest of all Irises. Its color is pleasing. S. soft, clear lilac; F. vinous red, lighter at the margin. Splendid shape with such firm substance that it does not flop, in spite of its immense size. Very stout well branched stalks.
- Pink Opal** Each \$2.00, Doz. \$20.00
A fine, tall, large, uniform pink toned Iris of exquisite beauty. Should be in every collection.
- Pluie D'Or** Each \$0.75, Doz. \$7.50
A pure, brilliant golden yellow self. A large bloom of good shape on tall, well branched stems. The color is pleasing, a clear, intense yellow that carries well, and the plant is perfectly hardy, and very floriferous. The tallest and very best deep yellow.
- Rameses** Each \$1.25, Doz. \$12.50
Winner of the Dykes Medal for 1932. A lovely blend of soft yellow and tourmaline-pink, the flower being suffused with a yellow glow at the center. A perfect flower in every way.
- San Francisco** Each \$1.00, Doz. \$10.00
Blooms of purest white distinctly edged with beautifully contrasting blue. San Francisco is one of the handsomest of all Irises, with huge flowers of fine flaring shape and heavy substance, borne on tall stems that branch low and widely, like a candelabra. Dykes Medal, 1927.
- Sir Michael** Each \$1.00, Doz. \$10.00
This is one of the handsomest and most gorgeous of all Irises. S. clear brilliant lavender-blue; F. deep, rich, velvety blue-purple, with a fine red-brown glow at the haft. Beard is brilliant red-gold. A splendid grower, with exceedingly strong, widely branched stems. Strikingly prominent in the garden because of its height and carrying color. This magnificent Iris is universally acclaimed to be one of the world's very best.
- Sunlight** Each \$0.75, Doz. \$7.50
One of our largest and finest soft yellows. Unsurpassed as an exhibition flower, and lovely with pale blues.
- Venus de Milo** Each \$1.50, Doz. \$15.00
Dr. Ayres gigantic new pure white. Honorable Mention American Iris Society. Considered by many the best white. A perfect flower in every way.
- W. R. Dykes** Each \$2.50, Doz. \$25.00
It has flowers of the largest size, with long broad petals of thick, heavy substance that are beautifully creped and crinkled. It is a fine rich golden yellow in color, the finely domed and frilled standards clear yellow, the falls lightly flaked with violet, and the beard a brilliant orange. This magnificent yellow is of a size hitherto undreamed of in yellow Irises, and is one of the greatest advances in Iris breeding. Plant in well drained sandy soil on a slope where water will not freeze around it.
- ## AUTUMN FLOWERING GERMAN IRIS
- These Autumn Flowering Irises have two or more normal flowering seasons each year. They blossom in the Spring along with other early flowering varieties and again in the autumn, beginning in September and continuing until killed by heavy frosts. Some of them also flower intermittently throughout the year.
- Autumn Queen** Each \$0.75, Doz. \$7.50
This is a reliable Spring and Fall bloomer. A pure snow white. It belongs almost in the same class as Jean Siret and Lieut. Chavagnac so far as size and height is concerned, but is a little larger and a little taller.
- Black Magic** Each \$10.00
It produces from 3 to 6 flowering stalks to each plant in September, as well as flowering in May. It is more free flowering in September than almost any Iris is during the regular season. Furthermore, it begins to flower long ahead of all the other Fall bloomers and has a very long season of bloom, running from 4 to 6 weeks. As it starts to flower early, it is not killed by frost. It also is the largest and tallest of all the Fall Bloomers, being about 30 inches high. The flower is almost Black.
- Golden Harvest** Each \$1.00, Doz. \$10.00
A fine large deep yellow veined with red-gold on the falls. A reliable Spring and Fall bloomer everywhere. This variety is quite scarce.
- Jean Siret** Each \$0.75, Doz. \$7.50
A new yellow everblooming Iris. This variety and Lieut. Chavagnac are the most persistent bloomers of the Iris family. They begin to flower quite early in the spring with the earliest miniatures and have a long spring flowering season. They also have an equally long autumn flowering season. We have had them in bloom from September until the middle of December in a favorable year. But best of all they are also likely to flower any time that the weather seems to suit them during the summer months.
- Lieut. Chavagnac** Each \$0.75, Doz. \$7.50
A new everblooming fragrant violet colored variety, with the same qualities as Jean Siret. The two go well together.
- Olive White** Each \$1.00, Doz. \$10.00
This is a good cream-colored Spring and Fall Bloomer.
- Ultra** Each \$0.75, Doz. \$7.50
A new ultramarine blue. A reliable Fall Bloomer, and an unusual blue color.



Chrysanthemum Moorifolium

A most attractive flower for cutting; hundreds of blooms are produced on graceful stems; at its best in October. See page 18 for further details.



Anemone, September Charm

See page 7 for complete description.



Dicentra Spectabilis (Bleeding Heart)

A great old-fashioned flower which does well in shady places. See page 22.

Gaillardia Sun-God

The illustration of Gaillardia Sun God, while good, does not do this lovely flower justice. Seldom have we been able to offer anything as fine and useful. It blooms constantly throughout the entire summer. Suggest you turn to page 25 for further information.



Korean Chrysanthemums

Collections of the
on

"Korean Mums"

- | | |
|------------|-----------|
| 1. Diana | 4. Mars |
| 2. Mercury | 5. Daphne |
| 3. Ceres | 6. Apollo |



Papaver Orientale

The lovely pale pink variety is Fairy, first offered by us two years ago. The white flower is Perry's White, the best of the white Poppies. Olympia is the double orange and a remarkably free flowering kind.

See page 38 for all details.

Garden Chrysanthemums

Varieties Illustrated are Offered
pages 16 and 17

"Garden Mums"

- | | |
|-------------------|--------------------|
| 1. Louisa Schling | 4. Granny Scoville |
| 2. R. M. Hatton | 5. Provence |
| 3. Moonlight | 6. Early Bronze |





Dictamnus Fraxinella Caucasicus

Dictamnus is one of the really fine garden plants. It is extremely hardy and very ornamental. See page 22.

Stokesia Cyanea

See page 49.



Tree Wisteria

Nothing can be more lovely than the Tree Wisteria when in bloom. This specimen may be seen in front of our office. Offsprings from this tree are offered on page 55.

[J]





IRIS GERMANICA - German or Flag Iris

The German Iris is one of the finest, if not the finest, of our hardy plants. Not particular as to soil or location, but asking only that the sun shine on it. It throws up spikes of bloom that are marvelous in their delicacy of structure and the colorings which are exquisitely dainty are wonderful in their blendings and variety.

Culture. Iris will grow in any good soil and under almost any condition. They like lime and should be divided and reset every third year. S., standing petals; F., drooping petals.

Alcazar Three \$0.75, Doz. \$2.50, 100 \$15.00
S. light bluish violet; F. deep purple with bronze veined throat. Striking flower.

Ambassadeur Three \$0.75, Doz. \$2.50, 100 \$15.00
S. a fascinating smoky velvety purple color; F. velvety purple maroon; beards and style yellow.

Asia Three \$1.40, Doz. \$4.00, 100 \$30.00
One of the highest rated and finest Irises in cultivation. A massive flower of aristocratic bearing, in a soft blend of lovely hazy smoky blue. It is also one of our tallest Irises.

Ballerine Three \$1.75, Doz. \$5.00, 100 \$40.00
S. light blue-violet, broad and waved at the margin; F. a deeper shade; sweet scented. A splendid, tall, strong growing Pallida form. 36 to 48 inches.

Candlelight Three \$1.00, Doz. \$3.00, 100 \$20.00
Large flowers of pale pinkish lavender illuminated from within with a rich golden glow; a very lovely Iris.

Caprice Three \$0.75, Doz. \$2.50, 100 \$15.00
S. rosy red; F. deeper rosy red. Large and handsome. 24 inches.

Cecil Minturn Three \$0.85, Doz. \$2.75, 100 \$18.00
Soft Cattaya rose. A beautiful flower with broad petals, gracefully waved and crinkled.

Crusader Three \$1.20, Doz. \$3.50, 100 \$25.00
One of the finest lavender-blue varieties, the falls being a deeper tone than the standards. A tall, strong grower with very large flowers of good substance.

Fairy Three \$1.00, Doz. \$3.00, 100 \$20.00
White, delicately bordered and suffused pale blue. The tallest standard variety giving a white effect.

Germaine Perthus Three \$0.75, Doz. \$2.50, 100 \$15.00
Fragrant, late. This is one of the finest Irises in cultivation with extremely high rating. It is an intense velvety violet-purple throughout.

Mother of Pearl Three \$1.00, Doz. \$3.00, 100 \$20.00
Standards and falls pale bluish lavender with a faint creamy undertone. Large flowers of exceptional substance and perfect form on well branched stems.

Opera Three \$1.00, Doz. \$3.00, 100 \$20.00
A rich violet-red bicolor. S. bright rich pansy-violet; F. rich velvety violet-purple. Vigorous and free.

Pallida Dalmatica, Princess Beatrice Three \$0.75, Doz. \$2.00, 100 \$15.00
This is the true type of Pallida Dalmatica and still one of the most attractive and satisfactory all around varieties, with flowers of large size; both standards and falls of a clear lavender-blue shading to a pale silvery blue at the base and sweetly scented. It is of strong, vigorous growth, over three feet high with unusually heavy glaucous foliage.

Pallida Dalmatica, foliis variegatis Each \$0.50, Doz. \$5.00
This beautiful variety is conspicuous on account of its striking variegated foliage, which is of a glaucous green with broad bands of creamy yellow, every leaf being well marked.

Primrose Three \$1.00, Doz. \$3.00, 100 \$20.00
A very handsome flower of the finest form and good substance and nicely branched. The standards are deep yellow and the falls are lighter.

Queen Caterina Three \$0.85, Doz. \$2.75, 100 \$18.00
A midseason variety of beautiful clear orchid-purple veined with brilliant gold; the whole being further enhanced with a bright orange beard.

Rhein Nixe Three \$0.75, Doz. \$2.50, 100 \$15.00
S. white; F. violet-blue with white edge. A splendid tall, strong growing plant. Foliage is good and where a color combination of this sort is desired, there is no better.

Shekinah Three \$0.75, Doz. \$2.50, 100 \$15.00
A delightful shade of pale yellow shading to amber in the throat, with a lemon colored beard. This is a true yellow Pallida, and the first of the type. A most uncommon and very handsome variety.

Snow White Three \$1.00, Doz. \$3.00, 100 \$20.00
A pure snow-white, with soft green markings, which gives it an especially delicate appearance.

Souvenir de Mme. Gaudichau Three \$1.00, Doz. \$3.00, 100 \$20.00
A rich, deep velvety purple Iris; of fine shape and finish. Tall, early and very distinct. One of the most striking and remarkable of all. 42 inches.

Gold Imperial Three \$1.00, Doz. \$3.00, 100 \$20.00
The greatest golden yellow Iris known; might be called the Golden Iris.

Isolene Three \$0.85, Doz. \$2.75, 100 \$18.00
Round standards of pale pinkish buff, strongly flushed mauve; the sharply reflexed falls are Chinese violet with russet tints at the sides.

Lord of June Three \$0.75, Doz. \$2.50, 100 \$15.00
S. lavender-blue; F. rich violet-purple. A magnificent variety of gigantic size.

Magnifica Three \$1.40, Doz. \$4.00, 100 \$30.00
All that its name implies, flowers of immense size on stiff branching stems 4 feet high. Falls of a superb dark reddish purple, standards light violet-blue.

IRIS PUMILA - Miniature Flag

These beautiful little Irises do not grow over 4 inches high and bloom in April and May. They are fine for bordering flower beds or planting in the rock garden.

Atroviolacea Three \$1.00, Doz. \$3.00, 100 \$20.00
Wine colored; very dwarf.

***Sambo** Three \$1.00, Doz. \$3.00, 100 \$20.00
Dark violet-blue.

***Excelsa** Three \$1.00, Doz. \$3.00, 100 \$20.00
A splendid pale lemon-yellow.

***Fairy (Coerulea)** Three \$1.20, Doz. \$3.50, 100 \$25.00
Pale blue; very dwarf.

***Schneecuppe** Three \$1.00, Doz. \$3.00, 100 \$20.00
A large, showy, pure white.

IRIS SPECIES

Some very interesting sorts are here listed and described; many of them splendid for naturalizing and large, permanent plantings.

***Cristata** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Evansia). A dainty native creeping species, only 3 inches in height; flowers rich amethyst-blue in May; a gem for a shady spot in the rock garden or an excellent ground cover under trees when it will form a solid carpet covered with flowers which are very lovely to behold.

Dichotoma Three \$1.40, Doz. \$4.00, 100 \$30.00
(Vesper Iris). A most attractive fan-shaped plant 8 to 12 inches high. The slender, 2-foot high flower stalk carries a number of small light purple blooms which open in the late afternoon. Four to six blooms open at one time. While the flowers do not last long, they are produced in endless profusion. A choice gift from China for the rock garden or border.

Ochroleuca gigantea Three \$0.85, Doz. \$2.75, 100 \$18.00
Forms large clumps succeeding in almost any position, producing late in May numerous 3-foot high stems with an abundance of very distinct creamy yellow flowers.

Setosa (Hookeri) Three \$1.60, Doz. \$4.70, 100 \$35.00
A very attractive Asiatic species. Broad foliage. Stout leafy stems bearing several rich violet-purple flowers in June. 24 inches high. Fine for moist situations.

Orientalis White Three \$0.85, Doz. \$2.75, 100 \$18.00
Similar to the Sibirica varieties but not so tall. Produces masses of lovely small white flowers; a fine plant for border or waterside; about 30 inches high.

Sibirica, Snow Queen Three \$0.85, Doz. \$2.75, 100 \$18.00
An exquisite hardy Iris; the flowers are of a snowy whiteness, large and well formed, produced in great abundance; foliage light and graceful. A gem for flower border or waterside. 3 feet high.

Sibirica superba Three \$0.85, Doz. \$2.75, 100 \$18.00
Large, violet-blue flowers; handsome foliage. Fine border plant and grand subject for planting near water, where it blooms profusely; 3 feet high.

***Tectorum** Three \$1.00, Doz. \$3.00, 100 \$20.00
A beautiful species from the Orient with delicately crested blue flowers, 12 inches high, in June. This is the roof Iris of Japan where it is grown on the thatched roofs of the cottages. Lovely in the rock garden.

***Tectorum Alba** Three \$1.20, Doz. \$3.50, 100 \$25.00
White form of the above.

Wilsoni Three \$1.60, Doz. \$4.70, 100 \$35.00
Similar in growth to the Sibirica varieties. Its flowers are creamy yellow. June-July flowering. About 30 inches high.



Lavandula Vera

IBERIS - Candytuft

Although these plants are perhaps more generally grown in the rockery, they are equally appropriate subjects for the margins of herbaceous borders or as edging to garden walks. When in flower in spring and covered with a mass of snow-white blossoms, they add considerably to the attractions of the garden. They are of shrubby growth, with dark green, evergreen foliage.

Culture. Grow in good, ordinary soil. Plant in fall or spring, 6 inches apart. When plants become straggly, trim them into shape directly after flowering.

***Little Gem (true form)** Three \$1.20, Doz. \$3.50, 100 \$25.00
Dwarf, pure white flowers in June. Its uniform, neat habit makes it one of our best rock or edging plants; perfectly hardy.

***Sempervirens** Three \$1.00, Doz. \$3.00, 100 \$20.00
Covered with a sheet of white flowers in spring, completely covering its rich dark green foliage; a particularly fine plant for the border.

JASIONE - Sheep's Scabious

The flowers of the Jasiona are small globes about two inches in diameter, composed of many light blue flowers, on stems a foot high. The plants are of easy culture.

Culture. Grow in any good, well drained garden soil in full sun or partial shade, in front of the border, or in the rockery. Plant in fall or spring, 6 to 8 inches apart.

***Perennis** Three \$1.20, Doz. \$3.50, 100 \$25.00
Like a very dainty lavender-blue Scabiosa, about 6 inches high, flowering in June and July.

LACTUCA - Blue Lettuce

A well known group of plants to which our lettuce belongs. All the species possess narcotic and sedative properties. Perennis, the hardy variety offered has deeply cut, long leaves and large, pale blue flowers.

Culture. Ordinary soil will suit this plant. Largely used in front of the border or in groups of three or more in the rock garden in full sun. Plant in autumn or spring, 8 to 10 inches apart.

***Perennis** Three \$1.20, Doz. \$3.50, 100 \$25.00
A charming low-growing plant suitable for the border or rock garden; light blue flowers freely produced. 14 inches high, in early summer.

LATHYRUS - Perennial or Everlasting Pea

Trailing plants suitable for growing on arches, pergolas, trellises, or trailing over rough banks. They have annual stems and die down in autumn.

Culture. Grow in ordinary soil. Train up arches, pergolas, trellises, or fences, or may be left rombling over rough banks, where they cannot over-run choice plants. Plant in autumn or spring, 3 feet apart.

Lotifolius, Pink Beauty Three \$1.00, Doz. \$3.00, 100 \$20.00
Large racemes of pleasing deep rose flowers.

Lotifolius, Red Three \$1.00, Doz. \$3.00, 100 \$20.00
The well known red Everlasting Pea.

Lotifolius, White Pearl Three \$1.00, Doz. \$3.00, 100 \$20.00
A great improvement on the older white variety, the stems giving from 12 to 15 flowers each.



Lupinus Polyphyllus

LAVANDULA - Lavender

An old-fashioned, fragrant, shrubby perennial, which has been grown for centuries in almost every garden. It has hoary leaves and bears its lavender colored flowers on erect spikes in July and August. There are several varieties of it, the two best for this country are named below. Its fragrant flowers are highly valued for drying and preserving.

Culture. Prefers a rather dry, medium soil and a warm position. The dwarf form especially suitable as an edging to paths. The Vera is also grown thus in large gardens. Where it is grown in quantity for flowers, plant two feet apart each way. The best time to plant is in spring; fall planting is all right if plants can be well protected. After a few years the plants get straggly, then the shoots should be cut back moderately in March or April; in fact, this may be done annually.

***Nano** Three \$1.20, Doz. \$3.50, 100 \$25.00
Is a very fine new dwarf English introduction. Good for edging and planting between roses.

Vero Three \$1.00, Doz. \$3.00, 100 \$20.00
This is the true Sweet Lovender; grows about 18 inches high; delightfully fragrant blue flowers in July and August.

LEONTOPODIUM - Edelweiss

Low-growing rock plants about 4 to 5 inches high, densely covered with whitish wool with attractive flat, starlike clusters of woolly floral leaves, surrounding very small, inconspicuous yellow flowers.

Culture. Grows to perfection in an elevated position in the rock garden in light, well drained soil in full sun. Plant in fall or spring, 4 to 6 inches apart.

****Alpinum** Three \$1.00, Doz. \$3.00, 100 \$20.00
A well known Alpine with pretty silvery white leaves; starlike heads clothed with a dense white, woolly substance. A splendid plant for the rock garden, 4 to 5 inches high, easily grown and always of great interest, as this is one of the most famous of rock plants from the European Alps.

LEWISIA

Dwarf plants for forming lovely rosettes of leaves not unlike some of the Saxifragas. They are exceptionally fine material for the shady rock garden. There are two types, one which loses its foliage during the winter; the others are fine evergreens. All are perfectly hardy.

Culture. All Lewisias must have a loose, porous soil with a moderate amount of humus or leaf mold. It must be deep, at least a foot, and drainage must be excellent. They like a gritty soil and one of the best things to mix is the fine screenings from crushed rock. Deciduous species are better in full sun. All evergreen varieties are best in light shade. Plant in fall or spring.

DECIDUOUS LEWISIAS

****Oppositifolia** Each \$0.50, Doz. \$5.00
Has spatulate leaves and a very pretty starry white flower. A few inches high. Plant in full sun.

****Redivo** Each \$0.50, Doz. \$5.00
Deciduous, is a small plant with large, satiny pink flowers of great beauty. Plant in full sun.

EVERGREEN LEWISIAS

****Columbion** Each \$0.50, Doz. \$5.00
Has a rosette of short leaves and rosy flowers with dark lines down the midrib.

****Finchi** Each \$0.50, Doz. \$5.00
The broad bright green leaves are 1½ inches wide by 3 inches or more long and make a close rosette flat on the ground. Four or five slender scapes, 8-12 inches high, each bear from 20 to 30 very handsome soft pink flowers margined with a broad white band.

****Howellii** Each \$0.50, Doz. \$5.00
With beautifully crested leaves and pink flowers.

****Leono** Each \$0.50, Doz. \$5.00
With slender, pine-like leaves and many smaller magenta flowers. It forms many-headed clusters of blooms.



Linum Perenne

LIATRIS - Blazing Star or Gay-feather

Showy plants, native of North America. They have grassy, linear leaves produced in a thick, tufty mass, out of which arise the stems furnished with spikes of purple flowers.

Culture. They will all thrive in ordinary garden soil, in sun or in shade, and are grown in groups of three or more. Plant 8 inches apart. Plant in autumn or early spring. May be grown by the waterside, and bees are very partial to the flowers.

Pycnostachya Three \$0.85, Doz. \$2.75, 100 \$18.00
Nothing can be planted that will attract more attention on account of its unusual appearance; but it is beautiful as well as odd. It blooms in midsummer and throws up long, narrow spikes of rich purple flowers, four feet high, which last a long time.

Scariosa Three \$1.00, Doz. \$3.00, 100 \$20.00
Spikes about three feet in height, of a good clear purple. Flowers before Pycnostachya and is the next most desirable.

Spicata Three \$1.00, Doz. \$3.00, 100 \$20.00
Similar to Pycnostachya, somewhat earlier in bloom and not quite so tall.

LILY-OF-THE-VALLEY - Convallaria

***Berlin Forcing Pips** 25 \$2.00, 100 \$7.00, 250 \$17.50
The earliest, largest and best for forcing. Extra strong pips with long roots producing flowers with 15 to 20 bells and fine foliage. Ready in December for indoor forcing.

LILY-OF-THE-VALLEY FOR GARDEN PLANTING

Mojolis Doz. \$1.00, 100 \$5.00
Fortin variety. This popular and fragrant subject repays for being well treated. Grand for massing near shrubs or along shaded borders.

Clumps Three \$1.70, Doz. \$5.00, 100 \$40.00
Our clumps are grown from the finest type of imported Fortin stock and are far superior to the common native sort.

LINARIA - Toad Flax

Most of them are more suitable for rockery than border culture. Yields dainty, snapdragon-like flowers. The one offered is a very attractive creeping, vinelike plant for the rock garden or in crevices in an old wall.
Culture. Ordinary soil and a sunny position. Best grown in a mass on the wall or a well drained rock garden. Plant in autumn or early spring, 4 inches apart.

***Alpino** Three \$1.20, Doz. \$3.50, 100 \$25.00
Brilliant orange and purple flowers like miniature Snapdragons, abundantly produced on trailing plants with neat greyish green foliage. Invaluable for the rock and Alpine garden. Blooms in summer and autumn. Hardy.

****Cymbolorio** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Kenilworth Ivy, or Mother of Thousands). Lavender and purple flowers. A charming, neat, hardy perennial trailing plant, suitable for rock work and wall gardens.

LUNARIA - Honesty; Judas Penny

An annual noted for its handsome silvery disks which are left on the plant after the seed has been removed.

Culture. Plant in Fall or very early Spring in ordinary garden soil in full sun. Space plants 18 inches apart to permit proper development.

Biennis Three \$0.85, Doz. \$2.75, 100 \$18.00
Violet and white flowers are produced early in spring which should not be cut. The seed pods which are very freely and quickly produced are round, upon removal of the outer husks a silvery round disk is disclosed. The entire plant should be cut down and used for winter decoration. Especially handsome combined with Bittersweet.



Incarvillea Grandiflora

LINUM - Flax

Elegant, feathery leaved free-flowering, hardy perennials suitable for dry, sunny borders or rock gardens. Not suitable for heavy, damp soils.
Culture. Sandy or ordinary, well drained, light soil and a sunny position is essential for these plants. Grow in colonies, and plant in autumn or early spring, 8 inches apart.

***Alpinum** Three \$1.00, Doz. \$3.00, 100 \$20.00
A rare species from the Dauphine, of prostrate growth with showers of pale blue blossoms throughout the summer.

***Flosum** Three \$0.85, Doz. \$2.75, 100 \$18.00
Fine variety with transparent, yellow blossoms.

***Narbonnese** Three \$1.00, Doz. \$3.00, 100 \$20.00
Forms a spreading clump of attractive foliage with a profusion of azure blue flowers with white eye. Very handsome for the rockery.

***Perenne** Three \$0.85, Doz. \$2.75, 100 \$18.00
Very attractive, both in foliage and bloom. Flowers beautiful pale blue on slender, graceful stems.

***Perenne olba** Three \$0.85, Doz. \$2.75, 100 \$18.00
White form of the above.

LUPINUS - Lupine

Stately and beautiful perennials. Their elegant leaves and bold, massive, 3- to 4-foot spikes of blue, white, or pink, pea-shaped flowers, should be placed in the front rank of hardy border plants.

Culture. They require a warm, sheltered position and well drained, light or medium soil, preferably slightly acid; never give any lime, but plenty of water during dry weather. They are specially adapted for planting in bold groups. Plant in fall or early spring, 10 inches apart.

Polyphyllus, Blue Three \$1.00, Doz. \$3.00, 100 \$20.00
(Hardy Lupine). Clear blue spikes, 3 to 4 feet high, during June.

Polyphyllus albus Three \$1.00, Doz. \$3.00, 100 \$20.00
A white variety of the above.

Polyphyllus otrovioleceous Three \$1.20, Doz. \$3.50, 100 \$25.00
Lovely deep tones of violet and violet-blue. The shades are all very closely resembling each other.

Polyphyllus carmineus Three \$1.20, Doz. \$3.50, 100 \$25.00
Carmine-red and ruby-red tones and shades, all very similar, giving a uniform effect.

Polyphyllus luteus Three \$1.20, Doz. \$3.50, 100 \$25.00
Shades of yellow from pale to deep giving a lovely effect.

Polyphyllus, Moerheimi Three \$1.20, Doz. \$3.50, 100 \$25.00
Pink.

Polyphyllus roseus Three \$1.00, Doz. \$3.00, 100 \$20.00
Flowers of beautifully shaded rose.

Polyphyllus solmoneus Three \$1.20, Doz. \$3.50, 100 \$25.00
Many tender tones of pink and salmon creating a lovely picture when six or more are planted in a bold group.

Wayside Gardens Sweet-Scented Hybrids

Three \$1.00, Doz. \$3.00, 100 \$20.00
A wonderful new strain that may be crossed among the most beautiful of all hardy flowers. Colors are both rich and delicate shades of blue, mauve, pink, etc., and the flowers are borne in long spikes that for size and beauty rival giant Snapdragons. The added novelty of being sweet scented makes these one of the best garden plants we have ever distributed.

**LITHOSPERMUM - Gromwell**

Low growing hardy perennials, some shrub-like and evergreen, splendid for the rock garden in sheltered location, especially suited for our southern gardens.

Culture. Any rich, well-drained garden soil, fairly free from lime in sunny position in the rock garden or as an informal edging. Plant in spring only, 10 to 12 inches apart. Clip or prune immediately after flowering.

Prostratum

Each \$0.60, Doz. \$6.00

This lovely, low-growing sub-shrub or woody perennial should be in every sheltered rock garden. During July and August the spot in which it is planted will be transformed in the most gorgeous blue ever seen in the rockery. It is prostrate, giving much the same effect as a clump of Daphne.

LOBELIA - Indian Paintbrush

One of the showiest scarlet border plants we have. They are ideal plants for waterside, or for moist, partially shaded borders.

Culture. Lobelias require a moist and shady position to do well. If grown in a border prepare the soil by digging in plenty of well-decayed manure before planting. They are best grown in large colonies, and should be planted 6 inches apart. Plant in spring or fall, protect lightly in winter. They must have plenty of water in dry weather.

Cardinalis

Three \$1.00, Doz. \$3.00, 100 \$20.00

(Cardinal Flower). Rich, fiery cardinal flowers, often producing 4 to 6 spikes, 24 to 30 inches long.

Syphilitica

Three \$0.85, Doz. \$2.75, 100 \$18.00

(Great Blue Lobelia). Similar in growth to Cardinalis, but the flowers are blue, streaked with white. Plant in a moist place. Desirable for border of brook or lake.

LYCHNIS - Campion or Catchfly

Easily grown and attractive perennials. They vary in stature and are suitable for growing in sunny borders or rock gardens. Bearing large heads of brilliantly colored flowers, that liven up the border during summer and early autumn.

Culture. All are best grown in groups in good, ordinary soil. With the exception of Haageana, which does best in partial shade in the rockery, the rest should be grown in a sunny border. Plant the tall kinds 18 inches apart and the dwarf ones 6 inches apart in autumn or early spring. Divide and replant every third year.

***Alpina**

Three \$1.00, Doz. \$3.00, 100 \$20.00

Dwarf, rose-pink. A charming little plant for the rock garden about 4 inches high.

Chalcedonica

Three \$0.85, Doz. \$2.50, 100 \$18.00

Heads of vivid scarlet flowers, blooming a long time. One of the brightest plants in the hardy border. 3 feet; all summer.

Forresti Hybrids

Three \$1.00, Doz. \$3.00, 100 \$20.00

A strain which embraces a varied range of colors, including crimson, carmine, pink, white, etc. About 2 feet in height, and admirably suitable for border decoration. The plants are in full bloom in June, a period when the herbaceous border is almost bare.

***Haageana**

Three \$1.00, Doz. \$3.00, 100 \$20.00

1 foot. June to August. Very showy, producing orange-red, scarlet or crimson flowers nearly 2 inches across. Should be planted in light shade.

***Viscaria flore pleno**

Three \$1.10, Doz. \$3.25, 100 \$22.50

A fine double variety; fine for cutting.

Viscaria splendens alba

Three \$0.85, Doz. \$2.75, 100 \$18.00

Flowering profusely in June and July; it is one of the best white flowers at that time of the year. 8 to 10 inches high; fine border plant.

Viscaria splendens

Three \$0.85, Doz. \$2.50, 100 \$18.00

Pink form of the above.

Myosotis Palustris Semperflorens



Nepeta Mussini

LYSIMACHIA - Yellow and White Loosestrife

Although weedy in habit they are welcome additions to the garden. They grow naturally in moist positions, and hence to cultivate them properly they must be grown in moist, shady borders, or by the waterside. The Creeping Jenny is an excellent carpeting plant to grow among hardy ferns or other low, wet places.

Culture. The Creeping Jenny should be grown as a carpeting plant on a shady, moist border. The other variety may be grown in shady, moist borders, or in bold groups in moist parts of the wild garden, or by the waterside. Plant in autumn or spring, in ordinary soil. 8 to 10 inches apart. Should be divided every third year.

Clethroides

Three \$1.00, Doz. \$3.00, 100 \$20.00

Long, recurved spikes, 2 feet long, of pure white flowers, from June to September. A desirable variety.

***Nummularia**

Three \$0.85, Doz. \$2.75, 100 \$18.00

(Creeping Jenny or Moneywort). Valuable for planting in wet places in shade or sun.

LYTHRUM - Purple Loosestrife

Suitable showy plants for moist, shady borders and the waterside. There is only one really worth growing, and that is Superbum. The plants are of stately growth, and bear their rosy or purplish flowers in tall leaf spikes.

Culture. Grow in ordinary soil in moist, shady borders, or in groups by the waterside. Plant in autumn or early spring and divide and replant every third year.

Superbum raseum

Three \$0.85, Doz. \$2.75, 100 \$18.00

Very showy rosy purple spikes about 2 or 3 feet high, produced in profusion all summer. Splendid for banks of streams and ponds.

MATRICARIA - Double Mayweed; Feverfew

Attractive, low-growing plants for the border. It has finely divided leaves and double flowers, on stems about 1½ feet in height, which make an effective display throughout the entire summer.

Culture. Will grow freely in ordinary well drained soil in a sunny border. Plant one foot apart in autumn or early spring.

Little Gem

Three \$0.85, Doz. \$2.75, 100 \$18.00

A most useful border plant and valuable summer cut flower, with large double, white flowers. June until October. 18 to 24 inches.

Golden Ball

Three \$0.85, Doz. \$2.75, 100 \$18.00

Dwarf yellow form of above.

MAZUS

Prostrate and creeping rock plant, a very attractive subject for the rock garden.

Culture. Well drained, sandy soil in a sheltered position in the rock garden suits this plant best. Will grow well in light shade; plant in fall or spring, 4 to 6 inches apart. Protect lightly each winter in colder sections of the country.

****Reptans**

Three \$1.10, Doz. \$3.25, 100 \$22.50

A dwarf and interesting Alpine plant, covered in early spring with dainty lilac flowers with a small, white lip, borne just above the foliage.

MERTENSIA - Virginia Cowslip; Blue Bells

All are of medium growth, and well suited for shady or partially shady borders. Mostly blue- or white-flowered. The only one we really recommend is Mertensia virginica.

Culture. All will succeed in ordinary soil. A shady or partially shady position is desirable, lovely planted in open woodlands together with daffodils. Plant in autumn or very early spring. 6 to 8 inches apart.

Virginica

Three \$0.75, Doz. \$2.50, 100 \$15.00

An early spring-flowering plant, growing about 1 to 1½ feet high with blue flowers fading to pink; one of the most interesting of our native spring flowers.



Oenothera Missouriensis

MIMULUS - Musk or Monkey-flower

Hardy perennials also known as Musk, and will thrive in moist, shady borders among hardy ferns, in damp, shady spots. Luteus especially will flourish well in our gardens.

Culture. A moist soil, rich in leaf mold or humus, and a cool, shady spot, will grow them best. Luteus may also be grown on the margins of water or in shallow ditches of running water. Plant in spring only, 6 to 8 inches apart.

- ***Luteus** Three \$1.20, Doz. \$3.50, 100 \$25.00
A splendid plant for shady, moist places. Produces during the entire summer large snapdragon-like, yellow flowers. Also does well in full sun. About one foot high; somewhat spreading habit.

MITCHELLA - Partridgeberry

Lovely creeping evergreen plants, their shiny foliage and red berries are a great attraction in winter.

Culture. They prefer a soil containing plenty of humus, such as provided by rotted leaves. Plant in half-shade in the rockery or open woods, in early spring or fall, 6 to 8 inches apart.

- ***Repens** Three \$1.20, Doz. \$3.50, 100 \$25.00
A little trailing evergreen. It forms fine mats under trees, and when once established is sure to please.

MYOSOTIS - Forget-me-not

Charming spring and summer flowering plants. Their dainty blue or pink flowers are produced freely and are always pleasing to the eye, whether massed in beds or on the margins of borders or ponds.

Culture. Palustris is most at home in damp positions, as the margins of water, but will thrive in moist shady borders. The soil should be fairly rich and not too heavy, and contain plenty of well-rotted manure to ensure healthy growth and an abundance of flowers. Plant in autumn or spring about 6 inches apart. Excellent as a ground cover between tulips, plant in that case 10 inches apart after the tulip bulbs have been planted.

- ***Palustris semperforens** Three \$0.85, Doz. \$2.75, 100 \$18.00
Large, rich blue flowers with yellow eye; a charming plant for damp places and a more profuse bloomer than the alpestris, which also is inclined to be biennial in habit.

MITELLA - Bishop's Cap

Low-growing slender perennials with racemes of small white flowers. There are four species, Diphylla, offered is best.

Culture. Loves a woods soil and a shady place in the rockery or open woods. Plant in fall or spring, 2 to 4 inches apart, in groups of twelve or more.

- ***Diphylla** Three \$0.85, Doz. \$2.75, 100 \$18.00
A gem for the shady position. Feathery spikes of creamy white flowers. 12 to 18 inches, in May and June.

MONARDA - Bee-balm; Bergamot

The flowers are borne in close heads or whorls on stems about 2 to 3 feet high, surrounded by colored bracts, and the leaves are more or less fragrant. Attractive plants for the semi-shady or sunny border, the wild garden, or for the city gardens.

Culture. Grow in ordinary soil in sunny borders or in light shade. All may be naturalized in the wild garden. Plant in bald groups in autumn or spring, 10 inches apart. Divide and replant every third year.

- Didyma, Cambridge Scarlet** Three \$0.85, Doz. \$2.75, 100 \$18.00
Brilliant crimson-scarlet flowers are produced freely from June until August. A good plant for wild garden as well as border or garden in the city where other flowers don't grow well.

- Didyma rosea** Three \$0.85, Doz. \$2.75, 100 \$18.00
A variety of the preceding, with rose colored flowers.

- Didyma violacea superba** Three \$0.85, Doz. \$2.75, 100 \$18.00
Deep amaranth-red flowers.

NIEREMBERGIA - Trailing Cup-flower

A dwarf, creeping plant with spoon-shaped leaves, and creamy white, bell-shaped flowers. An interesting plant to grow in a moist, shady border. Does very well in full sun.

Culture. Grow in sandy loam freely mixed with well-decayed manure, in a moist spot, and plant in spring only, 6 to 8 inches apart. Give plenty of water in dry weather. Protect lightly over winter.

- ***Rivularis** Three \$1.00, Doz. \$3.00, 100 \$20.00
Charming dwarf creeping Alpine plant, bearing large, creamy white, cup-shaped flowers from June till September; most desirable plants for the rockery.

NEPETA - Ground Ivy; Catmint

Really only 3 varieties are worthy of culture, and are suited for massing in the garden. The foliage is aromatic and silvery gray, the small flowers are lavender-blue.

Culture. Ordinary soil, well drained, and a sunny position will suit the Nepetas. Plant in autumn or spring, 8 inches apart. Best grown in masses.

- ***Mussini** Three \$1.00, Doz. \$3.00, 100 \$20.00
An excellent plant for any position, but especially useful in the rock garden. Of dwarf, compact habit, producing masses of bloom of a beautiful shade of lavender all spring and intermittently during the summer; it is one of the most used rock plants or edging plants in Europe. A garden in which the paths are edged with Nepeta Mussini should be fairly large, as it is quite strong in growth; it may be clipped back at any time. Very lovely plant.

- ***Nervosa** Three \$1.00, Doz. \$3.00, 100 \$20.00
Vivid light blue; a fine companion to the well known Mussini, the flowers of which are a deeper lavender and of a different shade. Lovely in the rockery.

- Souvenir Andre Chaudron** Three \$1.40, Doz. \$4.00, 100 \$30.00
A very distinct, upright growing plant, 14 to 18 inches high. Silvery gray foliage and large dark blue flowers blooming constantly during June, July and August in the hottest and driest weather. Grow in the border in a dry, sunny place.

OENOTHERA - Evening Primrose

The species named below are specially suitable for growing on the margins of sunny borders and rock gardens, and all make a continuous and brave display of color throughout the summer with little attention.

Culture. All require a well drained, medium sandy soil, freely intermixed with well-decayed manure, and a sunny position to grow and flower freely. Show to the best advantage when grown in groups. Plant 8 inches apart in spring or fall. They are apt to perish in winter if grown in heavy, damp soils.

- ***Fraseri** Three \$0.85, Doz. \$2.75, 100 \$18.00
Pale yellow flowers on 12-inch stems from June until October.

- Fruticoso major** Three \$1.00, Doz. \$3.00, 100 \$20.00
A strong growing plant, forming a dense, bushlike specimen; flowers deep yellow, in profusion, on 24-inch stems from June until September.

- ***Missouriensis** Three \$1.00, Doz. \$3.00, 100 \$20.00
A low species with prostrate, ascending branches; profuse bloomer. Solitary flowers, often 4 inches across. Good for rock garden or border; in bloom from June until August.

- ***Speciosa** Three \$1.00, Doz. \$3.00, 100 \$20.00
Pure white flowers 3 inches across, in great quantities on 18-inch stems all summer.

- Youngi** Three \$0.85, Doz. \$2.75, 100 \$18.00
A strong, stocky, large-leaved plant with firm, shiny foliage, numerous bright lemon-yellow flowers on stems about 24 inches tall from June to August.

Nierembergia Rivularis





Papaver Orientale, Mrs. Perry

Papaver Nudicaule



ORCHIS - Hardy Orchids

Their quaint and curious flowers are most interesting, and as they are not particularly difficult to cultivate, those who care for them should give them a little corner in their rock garden.

Culture. A special bed should be provided for Orchids, sheltered from the mid-day sun, in loam, peat and leaf mold; give water occasionally in dry weather. Plant in fall or spring, 6 inches apart in groups of three or more.

***Spectabilis** Three \$1.20, Doz. \$3.50, 100 \$25.00
(Showy Orchid). This lovely hardy orchid produces a raceme of delicate lavender and deliciously fragrant flowers, 6 to 8 inches high in May. Plant in shade and water copiously when dry.

OROBUS - Bitter Vetch

The species named below are of tufted habit with pea- or vetch-like foliage and pea-shaped flowers.

Culture. They will thrive in light or medium soils in sunny borders. Plant in autumn or spring, 12 inches apart.

Vernus Three \$1.60, Doz. \$4.70, 100 \$35.00
Spreading bushes. Slender stems with narrow foliage. Dainty spikes of rosy purple or blue-red veined pea-like flowers.

PAPAVER ORIENTALE - Oriental Poppy

Oriental Poppies are the regal representatives of this popular genus, growing 3 to 3½ feet high, and far surpassing in splendor of bloom all the annual kinds. For a gorgeous display of rich and brilliant coloring nothing equals them during their period of flowering in May and June, and whether planted singly or in masses their large flowers and freedom of bloom render them conspicuous in any position.

Culture. Almost any kind of soil suits them, but they do best in deep, rich loam. Set the plants out in the fall or early spring before the first of May, 12 inches apart. Give them water occasionally during dry spells in the early part of the season. Mulch with any litter in the fall; and they will increase in size and floriferousness for several years. The proper planting season for field-grown roots of Poppies is during the last of August, September and October. In spring, strong plants are supplied in pots to insure success.

Oriental Three \$0.85, Doz. \$2.50, 100 \$18.00
(Oriental Poppy). Tremendous cup-shaped blooms of brightest crimson-scarlet, with large, purplish black blotches at base of petals, creating a wonderful contrast when bloom is fully open. Clumps of these throughout the border add a brilliancy that no other flower can provide.

Oriental, Beauty of Livermore Three \$1.20, Doz. \$3.50, 100 \$25.00
The finest dark crimson with black blotch; fine flowers freely produced.

Oriental, Fairy Three \$1.20, Doz. \$3.50, 100 \$25.00
A lovely delicate Poppy, not very large, with pure pale pink blooms of medium size, an excellent variety for small beds.

Oriental, Lula A. Neeley Three \$1.20, Doz. \$3.50, 100 \$25.00
Good strong stems support flowers of brilliant oxblood-red, the color holding until the last. This variety is becoming a most popular Poppy in America.

Oriental, May Sadler Three \$1.20, Doz. \$3.50, 100 \$25.00
Salmon-pink with black markings. We believe it one of the finest of the pink sorts because of its large flowers and robust growth.

Oriental, Mrs. Perry Three \$1.00, Doz. \$3.00, 100 \$20.00
Orange-apricot, and a very fine variety, the best of all the "Pink Poppies."

Oriental, Olympia Three \$1.40, Doz. \$4.00, 100 \$30.00
The flowers, when fully developed, are about 4 inches in diameter; when first opening full double, but show a bunch of stamens as they mature. It is a brilliant rich flame overlaid with glistening golden salmon.

Oriental, Perry's White Three \$1.20, Doz. \$3.50, 100 \$25.00
The flowers are a fine satiny white with a crimson-maroon blotch at the base of each petal.

Oriental, Wurtembergia Three \$1.20, Doz. \$3.50, 100 \$25.00
A striking flower of great size and substance. Brilliant glowing rose-red in color.

PAPAVER NUDICAULE - Iceland Poppy

These lovely dwarf plants are of great value in the sunny border or rock garden. Their brilliant orange, yellow, white or pink flowers are produced all summer.

Culture. Should be planted in well drained, sandy soil in full sun. Planting should be done very early in spring or early in fall for best results.

***Baker's Sunbeam Mixture** Three \$0.85, Doz. \$2.75, 100 \$18.00
These plants are of neat habit, forming a tuft of bright green, fern-like foliage, from which spring throughout the entire season a profusion of slender, leafless stems, 1 foot high, each graced with charming, cup-shaped, yellow, orange, white or pink flowers.

***Papaver alpinum** Three \$1.00, Doz. \$3.00, 100 \$20.00
Like a small and more delicate Iceland Poppy having flowers of white, pink, orange or yellow, and often delicately fringed. Not over 4 inches high.

***Papaver Thibetica** Three \$1.00, Doz. \$3.00, 100 \$20.00
Very attractive Alpine with showy orange flowers produced in great quantities; the whole plant not unlike a dwarf orange Papaver nudicaule, but giving twice as many flowers and more readily transplanted; excellent for the rock garden.

WAYSIDE GARDENS

PACHYSANDRA TERMINALIS

Trailing plants 6 to 8 inches high, forming broad mats of bright glossy green foliage. A ground cover, which will grow in all shady situations. Some of its main uses are: Under all evergreen plantings, under all shrub plantings, for areaway copings, for shrub borders, for bordering walks and drives, for steep terraces in sun or shade, under any kind of trees.

Culture. A well drained, rich, fibrous loam suits them best. Because of the fact that Pachysandras are always closely planted together and usually under or near shade trees, it is well to enrich the soil frequently with well-rotted manure or bone meal, applied in fall or spring in liberal quantities. Plant in fall or spring, 3 inches apart. Pot plants may be planted throughout the summer.

Field Grown Plants

	100	1000
Field grown plants 1 year old.....	\$ 8.50	\$75.00
Field grown plants 2 years old.....	10.50	95.00

Pot Plants

	Doz.	100	1000
2-year-old plants in 3-inch pots.....	\$2.00	\$12.00	\$110.00
3-year-old plants in 3-inch pots.....	2.50	18.00	160.00

Single Japanese and Chinese Paeonias

A type not very generally known, but awakening great interest and enthusiasm. The opened flowers are of extra wide spread, with one or more layers of broad guard petals which act as a cup to the mounted center. In place of the pollen-bearing stamens, the stamens and anthers are greatly enlarged into narrow, thick, twisted petaloids of various colors, forming a dense cushion.

- Camille** Each \$1.00, Doz. \$10.00
Clear violet-red; a lovely kind.
- Clairette** Each \$1.00, Doz. \$10.00
Pure white, very large and a strong grower, giving many blooms.
- Dai-O-Kuhan** Each \$1.00, Doz. \$10.00
A wonderful Japanese Peony. The large flowers are deep rose paling at the edges with bright yellow crest.
- Emma** Each \$1.50, Doz. \$15.00
Lilac dark pink. Two rows of perfectly shaped, round petals. Very large flower.
- Eva** Each \$1.25, Doz. \$12.50
Bright, light lilac-crimson. Very lively shade. Large, round petals. Free bloomer. Short stems. Unsurpassed for landscaping.
- Francoise** Each \$1.50, Doz. \$15.00
Bright rose. Two rows of petals. Center composed of petaloids which, when the flower opens, are of a yellow-white shade, edged yellow. While the flower develops the petaloids take on the same shade as the guard petals. An excellent variety.
- Lucienne** Each \$1.50, Doz. \$15.00
Pure white with purple reflex. Most striking garden sort.
- Mikado** Each \$1.25, Doz. \$12.50
The Peony shown at the Chicago World's Fair in 1893 by the Japanese Government. A rich red with long, rounded petals of brilliant red surrounding a great dome of golden staminodes. Exceedingly brilliant.
- Nagasaki** Each \$1.25, Doz. \$12.50
Light pink, dark foliage and robust growth. Excellent in the border.
- Nana-Henge-Shibori** Each \$1.00, Doz. \$10.00
("A striped color"). Very late. Deep rose, heavily splashed with carmine. At first full bomb shape, eventually revealing a variegated central cushion of gold and carmine; the new reflexed guards carrying streaks of green and yellow.
- Nymphe** Each \$1.50, Doz. \$15.00
Bright flesh-pink. Large flowers. Golden stamens. A very fine variety.
- Oitatsu** Each \$1.25, Doz. \$12.50
Opens very light pink and changing to pure white. Two rows of petals of which the inner row is somewhat shorter than the outside row. The petaloids are yellowish white with little pink tips.
- Oki-No-Nami** Each \$1.00, Doz. \$10.00
("Waves in the far-off sea.") Tall, free-flowering and showy. Pale Hydrangea-pink, rippled on white; with full, fine cut center of peach pink and cream.
- "Rose of Nippon"** Each \$1.50, Doz. \$15.00
A wonderfully free bloomer, a persistent mass of brilliant 6-inch flowers. Very deep rose, the broadly prominent center darkened by carmine, and illumined by countless starpoints of both silver and gold. Many centers are slightly tufted.
- Ruigegno** Each \$1.50, Doz. \$15.00
Clear red. Two rows of petals. Golden petaloids. A variety of great substance and very beautiful.
- Shiro-Sangao** Each \$1.50, Doz. \$15.00
An exact counterpart of the lovely No. 47, except that this variety is white, and by far the choicest of the whites. Its Lily-cup guards are milk-white; the extensive central tuft of narrow petaloids buff, noticeably crested with gold. Eight-inch flowers are normal, produced freely.
- Taikon** Each \$1.50, Doz. \$15.00
Blood-red. Most striking against a dark background.
- Yeso** Each \$1.50, Doz. \$15.00
Pure white. Two rows of petals which stand out straight. The petaloids lie straight, are narrow at the base and become wider towards the end. The tips of these are tinted salmon. Very unusual.



Single Peony



Chinese Tree Peony

**Paeonias (Peonies)**

- Albert Crousse** 3-5 Eyes, Each \$0.45, Doz. \$4.50
(8.6) Very fresh salmon-pink, delicate color. Large compact bomb shape; fragrant; erect; medium height. Late.
- Alsoce-Lorraine** 3-5 Eyes, Each \$0.80, Doz. \$8.00
(8.8) A marvelous Peony in the landscape. The creamy white petals are painted and suffused with a golden light from the stamens, suggesting a water-lily. It is a tall and vigorous grower. Late bloomer.
- Baroness Schroeder** 3-5 Eyes, Each \$0.60, Doz. \$6.00
(9.0) Rose type; late. White with shadings of flesh. This is one of the finest Peonies. Its immense flowers of great substance with high chalice-shaped center are freely produced, lasting a long time. Very fragrant.
- Chestine Gowdy** 3-5 Eyes, Each \$0.40, Doz. \$4.00
(8.4) Late midseason. Crown type. The broad outer petals are silvery pink. These enclose a zone of fine, irregularly shaped petals of deep rich cream, which in turn surround a prominent cone of broad pink petals, splashed and tipped with crimson. Very fragrant.
- Edulis Superba** 3-5 Eyes, Each \$0.40, Doz. \$4.00
(7.6) Dark pink, even color; large, loose, flat crown when fully open. Very fragrant; upright growth; early bloomer. One of the best commercial Peonies. There is much confusion over this variety being sold under twenty or more different names.
- Ella Wheeler Wilcox** 3-5 Eyes, Each \$0.40, Doz. \$4.00
Late flowering bomb type. Its immense blossoms are deliciously fragrant and of a most pleasing shade of shell-pink. Exceedingly free flowering.
- Frances Willard** 3-5 Eyes, Each 60c, Doz. \$6.00
(9.1) Rose type; opens an exquisite blush white; with an occasional carmine touch, changing to pure white. Listed among the world's twenty most beautiful Peonies.
- Felix Crousse** 3-5 Eyes, Each \$0.40, Doz. \$4.00
(8.4) Very brilliant red. Medium to large, globular, typical bomb shape; fragrant; strong growth. Stems rather weak. Midseason.
- Festiva Maxima** 3-5 Eyes, Each \$0.40, Doz. \$4.00
(9.3) Paper white, crimson markings in center. Very large and full rose type; very tall, strong growth. Early.
- Judge Berry** 3-5 Eyes, Each \$0.50, Doz. \$5.00
(8.6) Early. Very large, flat bloom of delicate flesh-pink; petals narrow, long and fringed, with some stamens intermingled; fragrant. Very profuse bloomer.
- Karl Rosenfield** 3-5 Eyes, Each \$0.45, Doz. \$4.50
(8.8) Very large flower; globular, semi-rose type. Extremely vigorous grower, tall, and free-flowering. As an early red it has no equal.
- Kelway's Glorious** 3-5 Eyes, Each \$2.00, Doz. \$20.00
(Kelway 1909). (9.8) Buds slightly tinted pink, opening into large blossoms of iridescent white. Fragrant. Late midseason. This is undoubtedly one of the finest Peonies.
- Kelway's Queen** 3-5 Eyes, Each \$2.00, Doz. \$20.00
(8.8) Pink. The stocks of this variety have been badly mixed and many spurious sorts have been sold under the name of Kelway's Queen. Once the genuine variety is seen, there can be no mistake. It is a distinct Peony, both in flower and plant. We have the true variety and guarantee our stock of Kelway's Queen to be absolutely genuine. A large compact, rose type flower of uniform mauve, with center flecked crimson. A tall, strong grower, very profuse bloomer. Late midseason. One of Kelway's finest. Very distinct color, a great show flower.
- La Lorraine** Each \$1.50, Doz. \$15.00
(8.6) This Peony comes in a class with Solange and Le Cygne, but it is a surer and more perfect bloomer. The color is a soft creamy white and the flower has a beautiful form. We have built up strictly healthy stock of this.
- Le Cygne** 3-5 Eyes, Each \$1.75, Doz. \$17.50
(9.9) Very large, perfectly formed flower, freely produced; cream-white with a touch of green at the heart. The finest white. Received the highest rating of any Peony.
- Longfellow** 3-5 Eyes, Each 75c, Doz. \$7.50
(9.0) Everyone concedes Longfellow one of the most popular red Peonies because of its distinct, fadeless color and general dependability, both for cutting and garden decoration. It is as striking in the field as in the show room. It comes into bloom early midseason. The plant has excellent foliage and strong, stiff, stems. The flower is a bright crimson and is always found among the winning classes.
- Marie Crousse** Each \$0.75, Doz. \$7.50
(8.9) The nearest to salmon-pink in Peonies. A most lovely variety. Tall stem and beautifully formed flowers of a charming shade of salmon-pink. Blooms midseason.
- Mons. Martin Cohuzac** 3-5 Eyes, Each \$1.00, Doz. \$10.00
(8.8) Medium size, globular, semi-rose type. Dark purple-garnet with black reflex. The darkest Peony known. Strong, vigorous grower, free bloomer; midseason.
- Mons. Jules Elie** 3-5 Eyes, Each \$0.50, Doz. \$5.00
(9.2) The peerless pure pink. Broad reflexing guards with a high pyramidal body of semi-quilled petals converging to an apex. One of the largest, handsomest and most lasting cutting sorts in existence.
- Mortha Bulloch** 3-5 Eyes, Each \$0.75, Doz. \$7.50
Mammoth cup-shaped blossoms often 9 to 12 inches across. The largest of the good Peonies. Deep rose-pink in the center, shading to silvery shell-pink in the outer petals. Stalks strong and erect.



Peony, Ella Wheeler Wilcox

- Officinalis rubra fl. pl.** 3-5 Eyes, Each \$0.50, Doz. \$5.00
Rich deep crimson; the great Decoration Day Peony. This is the early red Peony of our grandmothers and the one we see in the old gardens. This variety can remain undisturbed for many years. It will develop into large clumps giving dozens of flowers.
- Primevere** 3-5 Eyes, Each \$1.75, Doz. \$17.50
(Lemoine 1907). (8.6) Guard petals deep creamy yellow and center petals sulphur-yellow. If not exposed to the full sun the flowers will hold a canary-yellow which is most attractive. Very fine. Midseason.
- Richard Carvel** 3-5 Eyes, Each \$0.75, Doz. \$7.50
One of the best early reds which we have. Large, bomb-shaped blooms of the same style as Felix Crousse but better in color.
- Ruth Brand** 3-5 Eyes, Each \$0.40, Doz. \$4.00
(7.9) This variety is one of the good early pinks. The flower is very large, bomb type. The guard petals are prominent and enclose a grand ball of compact center petals. The color is uniform soft lavender-pink, splashed with a deeper lavender. This is a splendid variety to cut. It has a delicate and pleasing fragrance.
- Sarah Bernhardt** Each \$0.75, Doz. \$7.50
(9.0) Apple-blossom-pink, very free-blooming and flowers of perfect form on graceful stems. This is the ideal pink cut flower Peony.
- Solange** 3-5 Eyes, Each \$1.00, Doz. \$10.00
(9.7) Flower very large, compact; rose type; outer petals delicate waxy white, deepening toward the center with shades of orange and golden brown. One of the most beautiful Peonies in existence; a strong grower and a late, free bloomer.
- Souvenir de Louis Bigot** 3-5 Eyes, Each \$1.00, Doz. \$10.00
(9.1) Flowers large, convex, rose-form with fringed petals. Bright bengal-rose, slightly tinged carmine at the base, changing to salmon-pink with silvery reflex. The color of this pink Peony does not fade in the sun and the stems are set in the foliage as though they were arranged in a vase. An unusually fine Peony, blooming midseason to late.
- Therese** 3-5 Eyes, Each \$0.75, Doz. \$7.50
(9.8) A most desirable variety of a charming shade of violet-rose, changing to lilac-white. Develops a high crown; strong grower and very free bloomer. A splendid addition to the midseason sorts of which it is one of the best.
- Venus** 3-5 Eyes, Each \$0.60, Doz. \$6.00
(8.3) Exquisite, pointed buds, opening into large, compact flowers of delicate shell-pink with a collar of flesh-white. Extra good both as a garden flower and as a cut flower. One of the best in our collection. Midseason.
- Walter Faxon** 3-5 Eyes, Each \$0.75, Doz. \$7.50
(9.3) Semi-rose type; midseason. A very distinct, delicate rose colored flower. Tall, free bloomer. Those who know this variety consider it one of the best pinks. Scarce.
- Mixed Peonies** Three \$1.20, Doz. \$3.50, 100 \$25.00
We must reduce our planting of standard varieties of Peonies in order to make room for the increasing stocks of the new kinds. The mixture offered is made up of about 50 standard varieties. All are A-1 grade and quality. This is a real bargain if you simply want flowers to cut. Strong, 3- to 5-eye divisions.

Scabiosa Caucasica

See page 47.



Verbascum Phoeniceum Wayside Gardens Hybrids

See page 52.



Trollius, Orange Globe

Several other varieties are offered on page 51. All are splendid early flowering plants for the border, and they do best in a moist place.

Heuchera Sanguinea

See page 29.



Berberis Mentorensis

Mentor Barberry

(Plant Patent No. 99)

A very important trait of this Barberry is that it is not "choosy" about where it grows. No matter if you can't make other broad-leaf evergreens, such as Aza'eas and Rhododendrons, thrive in your soil, this new Barberry will. It is equally at home whether it is acid or alkaline soil.

See page 4 for complete detail of this handsome hedge plant and shrub.



Gypsophila Bristol Fair

This Gypsophila is much preferred for cutting—few flowers equal its usefulness.

See page 26.



Chinese Tree Peonies

The Tree Peony is really one of the finest plants available for the garden. It is quite hardy, and does well under the simplest treatment. It flourishes in the most astonishing manner, bearing blossoms from 6 to 8 inches across, which increase every year in beauty and size. They are a grand addition to the garden, as they do not die down to the ground like the herbaceous sorts, but make fine bushes 3 to 4 feet in height, covered every spring with elegant flowers. Pot plants may be sent and transplanted any time.

Archiduc Ludovica Pot Plants Each \$5.00, Doz. \$50.00
Enormous wide flower, double, flesh-pink, turning soft lilac.

Athlete Pot Plants Each \$5.00, Doz. \$50.00
Immense double flower of fine glazed mauve, shaded rose; vigorous and prolific grower.

Banksi Field Plants Each \$5.00
Semi-double; pale lilac-rose. A very free flowering variety and easily grown.

Chramatella Pot Plants Each \$50.00
This striking novelty is a sport from the beautiful variety "Souvenir de Maxine Cornu." Color a pure sulphur-yellow without any shade of salmon or buff. The flower is full double.

La Lorraine Pot Plants Each \$35.00
A cross between P. Lutea and a variety of P. Moutan. Large well expanded full double flowers of good substance; the petals nearly imbricated, being of a soft sulphur-yellow with a salmon tinge when opening, becoming lighter and purer when fully expanded. (Awarded a work of art at the Paris Horticultural Exhibition in 1909, awarded first class silver medal at the Ghent Quinquennial Exhibition 1913, first class certificate from the Floral Committee of the Royal Horticultural Society, May 14, 1913.)

Moutan Field Plants Each \$4.00
The wild Tree Peony of Thibet. Large purple flowers of tremendous size with golden center, borne in great profusion. It is one of the loveliest as well as one of the hardiest of Tree Peonies; look exceedingly well in the border or flower garden.

Mme. de Votry Pot Plants Each \$5.00, Doz. \$50.00
Very large globular bloom; satiny-pink, shaded lilac; vigorous grower.

Reine Elisabeth Pot Plants Each \$5.00, Doz. \$50.00
Flowers perfect in shape, vivid salmon-pink. A brilliant color; considered amongst the finest of all double Tree Peonies.

Shell Pink Field Plants Each \$5.00
Semi-double Tree Peony. Of lovely shade of shell-pink. Fine 3-year-old specimens producing blooms 8 to 10 inches in diameter.

Souvenir de Ducher Pot Plants Each \$5.00, Doz. \$50.00
Large globular bloom; bright reddish violet with silvery reflex.

Souvenir de Maxine Carnu Pot Plants Each \$20.00
A vigorous variety, raised by L. Henry at the Paris Museum from P. Lutea hybridized with P. Moutan Ville de Saint-Denis. It forms a bush 3-4 feet high with abundant and healthy foliage, every stem carries 2 or 3 full flowers, 8 inches or more across, with crowned and wrinkled petals, of a deep yellow, heavily shaded orange, fragrant.

Surprise Pot Plants Each \$50.00
A tall vigorous variety, flowers carried by strong stalks, very large and full; the color is a combination of straw yellow, pale salmon and rose-purple, of a very novel character. Fragrant.

Mixed Tree Peonies Field Plants Each \$3.50
Including all sorts and types. No warranty as to color or type. This mixture is made up of many lovely varieties. It is difficult to avoid the loss of labels or names and anyone who would like some rare plants will find them in this mixture. We cannot select colors, roots are shipped without description or name.

PARDANTHUS - Belamcanda; Blackberry Lily

An old-fashioned hardy perennial. A lily-like plant with orange and black spotted flowers on stems about 30 inches high, which are followed by large black seeds, resembling a blackberry.

Culture. Of easy culture in rich sandy loam in a sunny border. Plant in fall or spring, 6 inches apart.

Chinensis Three \$1.00, Doz. \$3.00, 100 \$20.00
Flowers orange colored, spotted black on 24-inch stems. A lovely old-fashioned flower for the hardy border.

PENTSTEMON - Beard Tongue

Very popular hardy flowering plants. Most attractive for massing in beds or borders. They are not only of graceful habit, but also decidedly beautiful from a decorative point of view. The many species are interesting subjects for growing in the rock garden or border. The flowers are tubular and foxglove-like in shape.

Culture. The Pentstemons require a rich, well manured, loamy soil, and a well drained, sunny place. The dwarf kinds should be grown on the margins of the border, or in the rock garden. Plant in autumn or early spring. Place the plants 10 inches apart each way.

Barbatus Torreyi Three \$0.85, Doz. \$2.75, 100 \$18.00
Spikes two feet long of bright scarlet flowers from June till August. A very effective plant for the border.

Barbatus, Pink Beauty Three \$1.40, Doz. \$4.00, 100 \$30.00
Color is a lovely clean shell-pink. A beautiful cut flower; one of the outstanding new and good plants; makes a delightful companion to Gypsophila.

***Digitalis** Three \$1.00, Doz. \$3.00, 100 \$20.00
White foxglove-like spikes produced in great quantities all summer. Plant is about 20 inches high, excellently suited for the garden as well as naturalizing in the grass. It self seeds very freely.

***Fruticosa** Three \$1.20, Doz. \$3.50, 100 \$25.00
Lilac-purple flowers with pink base about 1 foot high. A splendid rock or border variety.

Heterophyllus Three \$1.20, Doz. \$3.50, 100 \$25.00
Lovely metallic-blue flowers from June until September, on 3-foot spikes. Excellent for the sunny border; good cut flower.

Ovatus Three \$1.00, Doz. \$3.00, 100 \$20.00
A strong growing variety from the Rocky Mountains. Rich purplish blue flowers on stems over 3 feet tall. Good cut flower and excellent in the sunny border.

***Pracrus** Three \$1.00, Doz. \$3.00, 100 \$20.00
A very reliable and satisfactory garden sort. Flowers are rich blue-purple; early summer.

Pubescens Three \$1.20, Doz. \$3.50, 100 \$25.00
(Hirsutus). Stems 24 inches high, covered with violet flowers shading to a flesh-pink; excellent for hot, dry place in the garden; is also a very fine wall or rock plant. It enjoys hot, dry exposures.

Unilateralis Three \$1.00, Doz. \$3.00, 100 \$20.00
A very fine June-flowering variety producing 6 to 10 erect spikes, 24 to 30 inches long, covered from top to bottom with opalescent blue flowers. A beautiful border plant and splendid cut flower, lasting for several days in water.

PEROVSKIA - Russian Sage

A tall plant with gray foliage not unlike the sage. The blue flowers are arranged in slender spikes forming terminal panicles which are exceptionally fine combined with summer flowers such as gladioli.

Culture. A well drained, loamy soil, not too rich, suits best. Plant in fall or early spring, 12 inches apart in sunny border.

Atriplicifolia Three \$1.60, Doz. \$4.50
Produces whorls of blue flowers very late in the season. A lovely plant for the hardy border. Most graceful flower for cutting. In bloom in August.



Pentstemon, Pink Beauty

**PHYGELIUS - Cape Fig-wort**

A showy and very beautiful herbaceous perennial. It has angular, purplish stems, large, lance-shaped leaves, and tubular, scarlet pentstemon-like flowers borne in whorls on branching racemes. An attractive plant for the sunny border.

Culture. Ordinary soil and a sunny border will suit this plant. Best grown in groups or three or more. Not suitable for heavy, damp soils or cold districts. Plant in autumn or spring, 18 inches apart.

***Capensis** Three \$1.40, Doz. \$4.00, 100 \$30.00
(Cape Fuchsia). This is a hardy Fuchsia. It endures hot, dry weather well. The plants are perfectly hardy as far north as Philadelphia, but require protection further north where they will act much the same as buddleia, producing new shoots each summer which bear purple flowers all summer until frost. A splendid plant for the South or hot, dry states.

PHYSALIS - Winter-Cherry or Chinese Lanterns

A perennial noteworthy for its large, showy calyces, which are attractive for drying for winter decoration.

Culture. They will succeed in good, ordinary soil and in sun or light shade. Best grown in a colony by themselves. Plant in autumn or spring, 12 inches apart. Gather the stems as soon as the calyces are fully colored.

Francheti Three \$0.75, Doz. \$2.50, 100 \$15.00
An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet, lantern-like fruits, which, when cut, will last all winter.

PHYSOSTEGIA - False Dragonhead

Handsome plants for the sunny border or the wild garden, of easy culture. The flowers are borne in terminal spikes or branching racemes from July to September.

Culture. Grow in good, ordinary soil in groups in sunny borders. Plant in autumn or spring, 12 inches apart, and divide, and replant every second year, as the roots are of spreading habit.

Virginica Three \$0.85, Doz. \$2.75, 100 \$18.00
Forms large clumps 3 to 4 feet high, bearing long spikes of delicate pink flowers in July and August.

Virginica alba Three \$0.85, Doz. \$2.75, 100 \$18.00
Pure white.

Virginica, Vivid Three \$1.00, Doz. \$3.00, 100 \$20.00
This is a new dwarf variety about 20 inches high, and a great improvement over the first two mentioned. It blooms three weeks later than the others, the flowers are a deeper pink; much larger and better, lasting a long time when cut.

PINKS (Hardy Garden, see Dianthus).

Physostegia, Vivid



Phlox Divaricata

PHLOX DECUSSATA - Hardy Phlox

These beautiful hardy border plants are the most effective and useful plants in the garden during the late summer and early fall. Their brilliant colors are loved by all. The great many varieties now offered are quite likely to be confusing, we have, therefore, discontinued growing any but the better and newest varieties noted for their clear colors, freedom of bloom, and strong habit.

Culture. To grow Phlox really well the soil should be well drained, deeply spaded, and enriched with rotted manure or bonemeal. Planting may be done in fall or spring in a sunny border. Set the plants 10 inches apart. Lift and divide every three or four years or they will become crowded, which results in poor, small flowers. Never let the plants go to seed, never water overhead, always keep blooms and foliage dry, letting hose run slowly on the ground, this method of watering prevents mildew.

PHLOX COLUMBIA - Plant Patent No. 118

A Wayside Gardens introduction of such outstanding beauty and virtues that the U. S. Government gave us a patent on this plant. The Wayside Gardens Co. are the only growers of this Phlox in this country but have arranged for its distribution through other responsible American firms. See page 1 for further information.

- Africa** Three \$1.00, Doz. \$3.00, 100 \$20.00
Brilliant carmine-red with blood-red eye. Well shaped flower heads composed of large florets. Good strong stem and not subject to mildew.
- Antonin Mercier** Three \$1.00, Doz. \$3.00, 100 \$20.00
A delicate lilac-blue; free-flowering variety of medium height and fairly free from red spider. During prolonged hot weather the color fades to a very pale lilac: in light shade, however, the coloring is constant.
- B. Comte** Three \$1.00, Doz. \$3.00, 100 \$20.00
Tall growing variety producing large heads of rich satiny amaranth flowers. Very brilliant. Looks well planted close to a yellow-flowered plant.
- Beacon** Three \$1.00, Doz. \$3.00, 100 \$20.00
Brilliant cherry-red. Grows 36 inches high. The flower heads are carried on straight, strong stems. An excellent variety and one of the best of this color.
- Caroline Vandenburg** Three \$1.00, Doz. \$3.00, 100 \$20.00
This Phlox is the most attractive of the lavender shades; it is a true lavender-blue without the magenta shades peculiar to this section. Large, individual flowers.
- Commander** Three \$1.10, Doz. \$3.25, 100 \$22.50
(Von Hindenberg). The color is a brilliant deep crimson-red with slightly darker eye. Grows about 24 to 30 inches high and produces a great many spikes creating a wonderful display of color.
- Count Zeppelin** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Graf Zeppelin). Pure white flowers with vermilion-red eye. A striking clean looking Phlox. There is no fading or suffusing of color. Considered the best of the so-called calico types. Very free-flowering.
- Daily Sketch** Three \$1.60, Doz. \$4.50, 100 \$35.00
This variety possesses compelling beauty. It is vigorous in growth and reaches a height of about 3 feet. The flower trusses are enormous and the individual florets are extra large. Color, salmon-pink with vivid crimson eye. A splendid and worth-while English novelty.
- Elizabeth Campbell** Three \$1.20, Doz. \$3.50, 100 \$25.00
Light salmon-pink with lighter shadings toward the center of flower.
- Enchantress** Three \$1.20, Doz. \$3.50, 100 \$25.00
Bright salmon-pink with dark eye, resembling Elizabeth Campbell in color, but of much stronger growth and rich green, glossy foliage.
- Ethel Pritchard** Three \$1.00, Doz. \$3.00, 100 \$20.00
A delightfully French-mauve colored Phlox, which, if seen on a cloudy day, looks almost as pale blue as our native Phlox Divaricata. It is a strong grower.
- Europa** Three \$1.00, Doz. \$3.00, 100 \$20.00
White changing to a pale blush-white toward center with a red eye. This variety is similar to Count Zeppelin but has a light pinkish cast to it.



Phlox Subulata, Fairy



PHLOX SUBULATA - Moss or Mountain Pinks

An early spring-flowering type with pretty, mosslike, evergreen foliage, which, during the flowering season, in April and May, is hidden under the masses of bloom. An excellent plant for the rockery, the border, and invaluable for carpeting the ground or covering graves.

Culture. All Phlox Subulata should be grown in full sun. In shade they will die within a year. The soil should be dry and sandy and not too rich. Dig and replant every fourth year to prevent them from getting weedy. Plant in fall or early spring, 8 inches apart.

***Alba** Three \$0.85, Doz. \$2.75, 100 \$18.00
Pure white flowers completely covering the neat compact plant in May; a lovely thing for the rock garden.

***Atrapurpurea** Three \$0.85, Doz. \$2.75, 100 \$18.00
The same habit of growth as the well known Phlox Subulata Rosea. The flowers of this variety are a deep carmine-red making a most brilliant display.

***Fairy** Three \$1.20, Doz. \$3.50, 100 \$25.00
Pale blue with dark purple eye; a beautiful little rock plant. Same habit as Vivid. Slow growing, neat in habit, with compact foliage, not spreading like Lilacina.

***Lilacina** Three \$0.85, Doz. \$2.75, 100 \$18.00
A strong growing, creeping variety suitable for bold masses in the rockery; completely covered with pale blue flowers in May; the foliage is lovely in winter.

***Rosea** Three \$0.85, Doz. \$2.75, 100 \$18.00
Rose-pink. Fine for covering banks; thrives in hot, dry situations, and blooms profusely.

***Vivid** Three \$1.20, Doz. \$3.50, 100 \$25.00
Bright pink with dark pink eye. We would say that this is the choicest and loveliest dwarf Phlox in existence.

VARIOUS PHLOX SPECIES

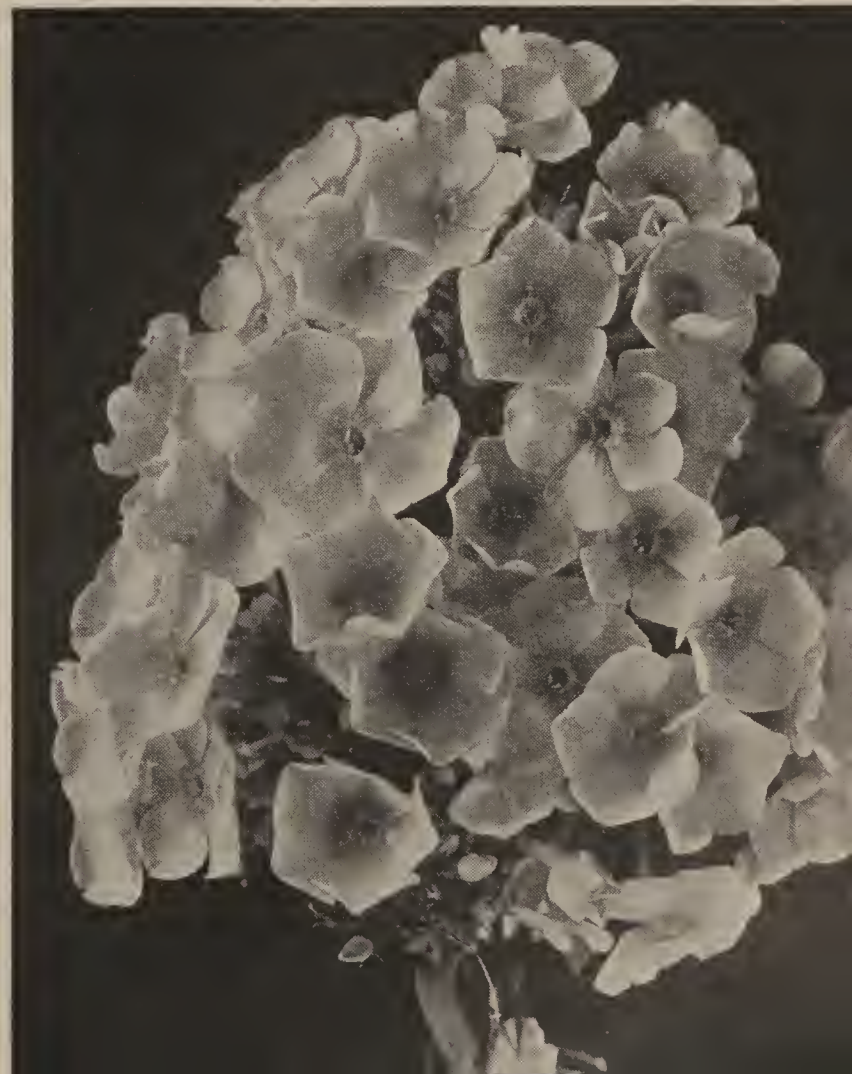
***Amaena** Three \$0.85, Doz. \$2.75, 100 \$18.00
This is one of the best varieties for carpeting the ground, the rockery or the border. It grows but 4 inches high, and in the spring is a sheet of rich bright pink flowers. Likes sun.

***Arendsii Louise** Three \$1.60, Doz. \$4.50
Phlox Arendsii are a result of crossing Phlox Divaricata and Phlox Paniculata. The most remarkable result is that they flower from early spring until late in the autumn. There are several varieties all more or less alike. Louise, offered here, is a bright lilac with lilac-carmine eye. About 20 inches high, suited for front of the border in light shade or sun.

***Divaricata canadensis** Three \$1.00, Doz. \$3.00, 100 \$20.00
One of our native species, which is worthy of extensive planting, commencing to bloom early in April, and continuing through May, with large, fragrant, lavender flowers on stems 10 inches high. In spring this plant is sold in pots to insure best results; in fall field-grown plants are best to use. Likes shade.

***Ovata** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Carolina). Bright rosy red flowers in great quantities on 12-inch stems during June and July, good for the rockery in full sun.

Phlox, Daily Sketch



Evelyn Three \$1.00, Doz. \$3.00, 100 \$20.00
A new variety of excellent habit. Flower heads are full and large. Color is a rich salmon-rose; about 3 feet high.

Fuerbrand Three \$1.00, Doz. \$3.00, 100 \$20.00
(Fireglow). Brilliant orange-scarlet. Sometimes almost vermilion. Flowers very freely and blooms are produced in quantity throughout the entire season. Of medium height.

Jules Sandeau Three \$1.00, Doz. \$3.00, 100 \$20.00
Rather dwarf in habit, but producing very large heads of brilliant watermelon-pink blossoms. An outstanding variety because it flowers more freely and longer than most Phlox, and is practically free from red spider.

Leo Schlageter Three \$1.40, Doz. \$4.00, 100 \$30.00
Seldom has one seen a shade of red such as is produced by this fine new Phlox. Its brilliant scarlet blooms seem to glow with fire. This impression is heightened by the fact that there seems to be a decided orange cast to the blooms. Of splendid habit, about 3 feet high with full rich heads of bloom; early. The best red Phlox in existence today.

Mia Ruys Three \$1.00, Doz. \$3.00, 100 \$20.00
Rather dwarf in habit, but produces enormous and much branched trusses of the purest white flowers possible. The habit is very free, with splendid dark green foliage. A great improvement and the best white Phlox in cultivation for midseason effects.

Miss Lingard Three \$1.00, Doz. \$3.00, 100 \$20.00
Has beautiful, long, shiny green foliage and is absolutely free from any disease. It flowers from early June until October with large heads of white flowers with faint pink shading in center. It is the best early White Phlox known.

Miss Verboom Three \$1.20, Doz. \$3.50, 100 \$25.00
This, in fact, is the rose-pink form of Miss Lingard. Habit and foliage are the same; flowers just as early in June. Splendid when planted next to Poppy Mrs. Perry and Hemerocallis Flava.

Mrs. Jenkins Three \$1.00, Doz. \$3.00, 100 \$20.00
(Independence). Pure white, late flowering, grows very fast and is of medium height. A splendid sort for planting in masses.

Mrs. Milly Van Habaken Three \$1.00, Doz. \$3.00, 100 \$20.00
Very large florets combined in rather loose, large heads. Color bright pink with a slight and delicate mauve suffusion. Strong grower.

Mrs. W. Van Beuningen Three \$1.00, Doz. \$3.00, 100 \$20.00
Medium height but robust in growth, with healthy appearing foliage. Large, rich salmon-red flowers—a bright, effective self color without eye. Very free and persistent in flowering. Compact growth.

Mrs. Schalten Three \$1.00, Doz. \$3.00, 100 \$20.00
New dark salmon-pink flowers in enormous pyramidal spikes. A splendid sort of great value. Midseason flowering and of medium height.

Rheinlander Three \$1.00, Doz. \$3.00, 100 \$20.00
A splendid old-time variety of good growing quality, and excellent habit. Flower heads are large and on good strong stems. The color is a beautiful salmon-pink.

Rijnstraam Three \$1.00, Doz. \$3.00, 100 \$20.00
A good strong grower producing an abundance of stems, each one topped with heavy trusses of flowers of a lively rose-pink, much like the color of the Paul Neyron rose.

Saladin Three \$1.20, Doz. \$3.50, 100 \$25.00
A most brilliant scarlet-red with blood-red eye, makes this one of the most outstanding varieties. It is a strong grower, blooms freely, has good foliage.

Thar Three \$1.00, Doz. \$3.00, 100 \$20.00
Color a beautiful shade of deep salmon-pink, overlaid with a scarlet glow; small aniline-red eye. A good grower, never giving trouble, always full of bloom.

Van Lassburg Three \$1.00, Doz. \$3.00, 100 \$20.00
A splendid midseason, tall, white variety. Trusses large and stems good, very free flowering. Rather tall, fine for the back of the border.

Widar Three \$1.00, Doz. \$3.00, 100 \$20.00
The violet florets have a clear white eye which create a most unusual effect. Of medium height and good habit.

**PLATYCODON - Chinese Bellflower**

Very satisfactory hardy plants for the sunny border. It has broad, blue or white, bell-shaped flowers all summer and is therefore a very fine garden plant.

Culture. Must be grown in a light, more or less sandy soil, in a well drained, sunny border. If the border is slightly elevated so much the better. Plant in early spring or fall, 8 inches apart. Disturb as little as possible.

Grandiflora Three \$0.85, Doz. \$2.75, 100 \$18.00

Large, showy, deep blue flowers on 20-inch spikes are produced all summer. A splendid plant for the hardy border.

Grandiflora alba Three \$0.85, Doz. \$2.75, 100 \$18.00

White-flowered form of the above.

***Mariesi** Three \$1.00, Doz. \$3.00, 100 \$20.00

A beautiful dwarf species, with broad, thick foliage and large, deep violet-blue flowers on 12-inch stems in great profusion throughout the entire summer. Plant in front of the border or in the rock garden.

***Mariesi alba** Three \$1.00, Doz. \$3.00, 100 \$20.00

White-flowered form of the above.

PLUMBAGO - Leadwort

Should be really called *Ceratostigma plumbaginoides*, but so well known under the first mentioned name that we prefer to offer it that way. Lovely low-growing plants with leathery, small, heart-shaped leaves of bronzy green color. The flowers are a deep peacock-blue borne in small clusters just above the foliage.

Culture. They require a sandy loam which is well drained and not too rich. Do well in the rock garden in full sun or light shade. May be used also as an edging to beds or garden paths and is lovely when planted together with Vinca minor as a ground cover, using two-thirds Vinca minor and one-third Plumbago. Their brilliant blue flowers are most attractive in late summer and early fall. Plant in fall or spring, 6 to 8 inches apart; cover lightly during winter in exposed places.

***Lorpenae** Three \$1.00, Doz. \$3.00, 100 \$20.00

One of the most desirable border and rock plants. It is of dwarf spreading habit, growing 6 to 8 inches high, covered with deep blue flowers during late summer and fall.

POLEMONIUM - Jacob's Ladder or Greek Valerian

Free flowering, hardy perennials. They have graceful pinnate leaves, and bear their flowers in loose heads. Showy plants for a sunny place in the border.

Culture. They require a light, well drained, ordinary soil and a sunny position. Best grown in group of six or more. Not adapted for damp or heavy soils. Reptans does well in a shady location under trees. Plant in autumn or early spring about a foot apart. Divide and replant every third year.

Richardsani album Three \$1.00, Doz. \$3.00, 100 \$20.00

A white variety of *coeruleum*.

Richardsani caeruleum Three \$1.00, Doz. \$3.00, 100 \$20.00

Erect stems of sky-blue flowers. 1 to 1½ feet in June and July. A very fine plant in the sunny border.

***Reptans** Three \$1.00, Doz. \$3.00, 100 \$20.00

Dwarf, bushy plant of graceful growth. Showy blue flowers, 6 inches high in early spring. Should be used in the rock garden and border, in shady places; foliage very good all summer.

POLYGONATUM - Solomon's Seal

Popular and easily grown herbaceous plants, producing arching stems furnished with narrow leaves on each side, and from the axils of which drooping flowers are produced. Excellent plants for shady borders.

Culture. They will thrive in any ordinary good soil containing plenty of humus or vegetable matter. May be grown under the shade of deciduous trees, in the shady border, or naturalized in woodland gardens. Plant in autumn or early spring, 6 inches apart.

Multiflorum major Three \$1.00, Doz. \$3.00, 100 \$20.00

Pendent sprays of white flowers borne on long, 2-foot stems in May, followed in autumn with black or purple berries. A grand plant for a shady position, where it has plenty of room to show its pendulous sprays of bells.

POLYANTHUS - Bunch Primrose

The Polyanthus was obtained by crossing the Cowslip (*Primula veris*), and the Primrose (*Primula vulgaris*). It has the large flowers of the Primrose and the flower umbel of the Cowslip. There are several mixtures of the Polyanthus offered. The best strain, however, is the Giant Munstead.

Culture. They like a moist, shady position, and a rich, liberally manured soil. Plants of the Munstead strains are easily grown in a shady border or rock garden. Plant them 6 inches apart in rich soil in a shady place. After flowering, the plants can be divided, planting may also be done in fall or very early spring.

***Munstead, Exhibition Yellow** Three \$1.40, Doz. \$4.00, 100 \$30.00

A beautiful strain of large-flowered, yellow shaded, bunch Primroses; most desired by those who love the Primrose.

***Munstead, Exhibition Cream** Three \$1.40, Doz. \$4.00, 100 \$30.00

Very fine, large-flowered, cream-white shaded bunches of bloom, with striking yellow eye.

***Munstead's Red Giant** Three \$1.40, Doz. \$4.00, 100 \$30.00

Rich mahogany-red flowers, often gold laced, in great masses. Lovely, as edging to beds or garden paths in shade or contrast color with the yellow Primroses.

***Munstead Strain Mixed** Three \$1.40, Doz. \$4.00, 100 \$30.00

In all shades of yellow, cream, dark orange, some pink and dark rose.



Primula Cashmeriana



Pyrethrum Mixed



Primula Auricula



Platycodon Mariessi

PRIMULA

This genus contains many species of interesting hardy plants suitable for the rockery, the waterside and the border. No garden or rock garden is complete without a liberal planting of all sorts offered.

Culture. Coshmeriono, cortusoides, denticulato, sikkimensis and Moerheim Hybrids will succeed in good, loamy soil freely mixed with leaf mold. Beesiano, japonica, veris and pulverulenta require a damp, rich loam freely mixed with leaf mold and peat. All require light shade. The latter would be suitable kinds to grow in a bog garden or on the edge of ponds. Japonica and sikkimensis also do well planted along the sides of damp, shady ditches. Most gardens contain a damp, shady spot, and this would be an ideal place for growing hardy Primulas. Plant in early spring or early fall, 4 to 6 inches apart.

- Acaulis caerulea** Each 50c, Doz. \$5.00
A most novel variety with deep purple-blue flowers of large size. Early.
- ***Auricula alpina, Giant Hybrids.** Three \$1.20, Doz. \$3.50, 100 \$25.00
One of the treasures of the rock garden. The growth is very attractive, forming rosettes of thick leaves, sometimes farinose or mealy. The flower stalks rise to a height of 6 or 8 inches, bearing heads of bloom of various colors; exceedingly fragrant.
- ***Bulleyana** Three \$1.40, Doz. \$4.00, 100 \$30.00
A splendid variety for a boggy place, growing about 18 inches high. The strong, stiff stems have about 4 to 8 tiers of rich apricot flowers in June. A very valuable sort.
- ***Cashmeriana** Three \$1.40, Doz. \$4.00, 100 \$30.00
Large, globular heads of a pleasing purplish blue shade; prefers a moist, shaded or sunny situation.
- ***Cashmeriana alba** Three \$1.75, Doz. \$5.00, 100 \$40.00
A white-flowered form of the above. Very rare but as easily grown as the purple variety.
- ***Cortusoides** Three \$1.00, Doz. \$3.00, 100 \$20.00
A distinct Siberian species, with soft, wrinkled heart-shaped leaves. Flowers in early summer, deep rose; prefers light, rich, well drained soil in a sunny position, in border or rockery; 10 inches high.
- Flarindae** Three \$1.40, Doz. \$4.00, 100 \$30.00
The new Giant P. sikkimensis. Beautiful umbels of large yellow flowers on 4-inch stems. Its handsome foliage makes it an outstanding plant. Does best in a bog or close to the water.
- ***Japonica** Three \$1.40, Doz. \$4.00, 100 \$30.00
A lovely Primrose, producing long spikes of bloom from crimson to rose to almost white. The flowers are in whorls. A mass of these in the bog garden or near the pool or stream is a sight to be remembered.
- ***Moerheim Hybrids** Three \$1.40, Doz. \$4.00, 100 \$30.00
A new strain of Hardy Primulas with the constitution of P. japonica, resulting from crossing of several. The lovely pastel colors range from cream to many shades of yellow, orange, purple, lilac, pink and crimson. They are very hardy and prefer a half-shaded position that is fairly moist; very unusual.
- ***Pulverulenta** Three \$1.40, Doz. \$4.00, 100 \$30.00
Rich crimson flowers in whorls, on stems 3 feet high. One of the finest varieties.
- ***Vulgaris** Three \$1.40, Doz. \$4.00, 100 \$30.00
The true old English Primrose with pale yellow flowers. Do not confuse with the common veris.
- ***Veris Hybrids** Three \$1.00, Doz. \$3.00, 100 \$20.00
This strain includes various shades of lilac, purple and violet, as well as a wide range of buff, orange, salmon and rich reds of vigorous growth.

POTENTILLA - Cinquefoil

Perennials for culture in sunny borders, and are most useful for cutting. They have strawberry-like leaves and showy, single or double flowers of varying rich shades of color.

Culture. They should be grown in light, ordinary or sandy soil and on the margins of sunny borders. Heavy, damp soils are not suitable. Plant in autumn or spring, 12 inches apart. They must have a full sunny position. When the plants get overcrowded, divide and replant in spring.

- Matsumurae** Three \$1.00, Doz. \$3.00, 100 \$20.00
A lovely dwarf for the rock garden, growing not over 5 inches high. Richly covered with yellow flowers. The foliage, like that of all Potentillas, is most attractive.
- ***Nepalensis, Miss Willmatt** Three \$1.20, Doz. \$3.50, 100 \$25.00
This is the improved salmon-pink "formosa." Very free flowering. A good border plant for midsummer bloom.
- Nepalensis, Leander** Three \$1.20, Doz. \$3.50, 100 \$25.00
A low growing plant with handsome strawberry-like evergreen foliage. Flowers are good size and a burned orange-red on slender much branched stems. Fine for border or rock garden.
- Pyrenaica** Three \$1.20, Doz. \$3.50, 100 \$25.00
An attractive species from the Pyrenees mountains. Handsome foliage. Golden yellow flowers.
- Thurberi** Three \$1.20, Doz. \$3.50, 100 \$25.00
A dwarf variety rarely over 9 inches high, with most attractive reddish-brown flowers from June to September.
- Warrensi** Three \$1.00, Doz. \$3.00, 100 \$20.00
A lovely new plant for the sunny hardy border, offered for the first time. Reaches a height of about two feet and is covered with large, pure yellow blossoms all summer long. Suitable for cutting.
- ***Mixed Colors of Double Varieties** Three \$1.00, Doz. \$3.00, 100 \$20.00
This mixture contains various shades of orange and coppery red; they are especially suited for in front of sunny borders or for bold masses in the rock wall or rock garden.

**PRUNELLA - Self-heal; Heal-all**

A dwarf-growing perennial with salvia-like flowers. The growth is evergreen and neat in character, and the flowers are borne in dense spikes. Suitable plants for edging or carpeting bare surfaces in shady, moist borders or in woodland gardens.

Culture. Ordinary soil in a moist shady position, as above described. Plant in autumn or early spring, 6 inches apart.

***Grandiflora** Three \$1.00, Doz. \$3.00, 100 \$20.00
Violet or purple flowers all summer. Fine for the rockery or slightly shaded parts of the hardy border. Succeeds in any soil not excessively dry.

PULMONARIA - Lungwort

A perennial noteworthy for hardiness of growth, freedom in flowering, and for its adaptability for growing in shady borders or rock gardens. The plants have rough foliage sometimes speckled with white, and blue or reddish flowers borne in racemes.

Culture. Grow in ordinary soil in groups in the shady, mixed border, in masses under the shade of deciduous trees, or in the rock garden. Plant 10 inches apart in autumn or early spring.

***Saccharata maculata** Three \$1.40, Doz. \$4.00, 100 \$30.00
A lovely early spring flower not unlike Mertensia, with pink flowers and when through blooming the plant has beautiful silvery spotted foliage. 12 to 14 inches high.

PYRETHRUM - Colored Marguerite or Painted Daisy

They produce showy flowers of all shades of color, except blue and yellow, freely on long stems throughout spring, which are of inestimable value for cutting. They grow in neat, compact tufts, and have elegant, finely cut foliage, which adds to the attractiveness of the plants.

Culture. The Pyrethrums require generous treatment. Plenty of well-rotted manure should be freely mixed with the soil before planting. The position, too, must be a sunny one. The best time to plant is in spring; early fall planting is also very successful. Grow them in groups of not less than three plants, planted a foot to 15 inches apart. In dry weather give copious supplies of water. As soon as the first flowers have faded, cut the flowering stems back to their base. Every third year divide and replant in early spring.

Buckey Three \$1.60, Doz. \$4.50
Double red and when well established, a marvelous plant completely covered with blooms.

Miami Queen Three \$1.60, Doz. \$4.50
Semi-double pink flowers of a lighter shade than Trojan, equally good for cutting or the hardy border.

Trojan Three \$1.60, Doz. \$4.50
A very lovely, free flowering semi-double dark pink variety. Tall stems and a good cut flower.

Finest Mixed English Varieties Three \$0.85, Doz. \$2.75, 100 \$18.00
This mixture contains double- and single-flowered sorts in many shades of pink, rose and white. Strong, 2-year clumps that will give immediate results.

RANUNCULUS - Buttercups

Herbaceous plants of easy culture and with attractive flowers.

Culture. All require a moist, loamy soil. Grow in partial shade or full sun, in colonies, planting a foot apart in autumn or early spring. Do not permit plants to spread beyond their allotted space.

Acris flare plena Three \$0.85, Doz. \$2.75, 100 \$18.00
A double yellow, upright growing Buttercup-like plant. Good for border in wet places; good cut flower.

***Repens fl. pl.** Three \$0.85, Doz. \$2.75, 100 \$18.00
A pretty, double-flowering bright golden yellow Buttercup of creeping habit; flowers in May and June.

Saxifraga Decipiens

**RUDBECKIA - Coneflower**

Hardy, free-flowering and easily grown perennials, somewhat akin to the sunflowers in habit. Excellent and showy plants for sunny or partially shaded borders, and for yielding flowers for cutting.

Culture. Ordinary soil in sun, or shade. Can be grown singly or in groups. Plant in autumn or spring, 12 to 15 inches apart. Divide and replant every third year.

Garden Glow Three \$0.85, Doz. \$2.75, 100 \$18.00
A popular hardy plant, grows six feet high, producing masses of large, double, golden yellow flowers shaped like a dahlia, in late summer.

Maxima Three \$1.00, Doz. \$3.00, 100 \$20.00
A rare and attractive variety, growing 5 feet high, with large, glaucous green leaves and bright yellow flowers 5 to 6 inches across, with a cone 2 inches high; flowers continuously from June to September.

Newmanni Three \$0.85, Doz. \$2.75, 100 \$18.00
The perennial form of the "Black-Eyed Susan." Deep orange-yellow flowers with a dark purple cone; long, wiry stems 3 feet high; blooms all summer.

Purpurea Three \$0.85, Doz. \$2.75, 100 \$18.00
(Giant Purple Coneflower). Most attractive purple flowers, with a very large, brown, cone-shaped center. Blooms from July to October. 3 feet high; a splendid plant for the border.

SALVIA - Meadow Sage or Clary

Showy, hardy plants of medium growth and of easy cultivation in sunny borders. The flowers are borne in spikes, racemes or panicles, and are very attractive during the summer and autumn months.

Culture. Those listed will thrive in good, ordinary soil in sunny positions, and are best grown in masses in the larger borders. Plant in autumn or early spring, 10 inches apart; divide and replant every third year.

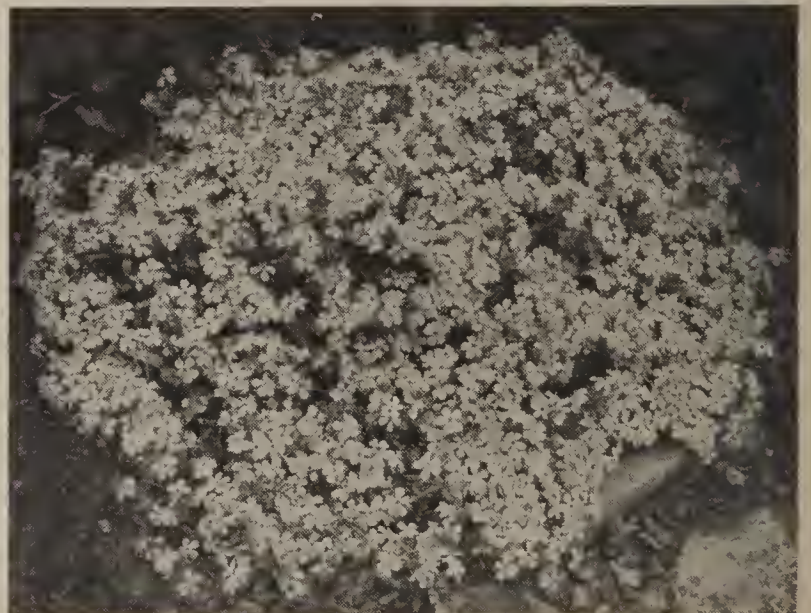
Azurea Three \$0.85, Doz. \$2.75, 100 \$18.00
A Rocky Mountain species. Grows 3 to 4 feet high; producing, during August and September, pretty sky-blue flowers in the greatest profusion.

Farinacea Three \$0.85, Doz. \$2.75, 100 \$18.00
Beautiful pale blue flowers all summer on neat plants about 2 feet high; splendid for the border.

Pitcheri Three \$1.00, Doz. \$3.00, 100 \$20.00
Similar to Azurea, but of more branching habit; large flowers of a rich gentian blue color, and one of the most admired plants by the many visitors to our nurseries during the early autumn. 3 to 4 feet.

Pratensis Three \$0.85, Doz. \$2.75, 100 \$18.00
Lilac-blue flowers from June to September; grows about 2 feet high. Good border plant.

Turkestanica Three \$1.00, Doz. \$3.00, 100 \$20.00
Extremely decorative sweet scented, silvery foliage and showy whorls of white flowers surrounded by pale pink, all summer.



Saponaria Ocymoides

SANGUINARIA - Blood-root

There is only one species in the genus, and that is Canadensis, a dwarf perennial with handsome leaves and white flowers borne in April and May.

Culture. Requires to be grown in moist, rich or peaty soil, in partial shade under deciduous trees, or other shady spots. Plant in autumn or spring, 3 inches apart.

***Canadensis** Three \$0.85, Doz. \$2.75, 100 \$18.00
(Bloodroot). Native. A low perennial, about 6 inches high, with pure white flowers an inch in diameter, in early spring. The large, leathery leaves appear later. Plant in shady places in the rock garden or open woods.

WAYSIDE GARDENS

SANTOLINA - Lavender Cotton; Ground Cypress

Shrubby perennials with aromatic foliage and small, yellow flowers borne in roundish heads, suitable for sunny, dry borders.

Culture. Ordinary, light soil in sunny, well drained borders. Best grown in masses. Plant in autumn or spring, 6 inches apart.

- ***Chamaecyparissus** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Incana). A sweet-smelling, dwarf, evergreen perennial, with delicate, silver-white foliage, useful as rock or border plants; also largely used for edgings to flower beds or walks. 1 foot.

SAPONARIA - Soapwort

Free flowering and easily grown rock plants, suitable for sunny borders or rock gardens, more or less tufted and compact in growth, and produce a profusion of blooms throughout the spring.

Culture. Ocyroides and its varieties will succeed in good, ordinary soil or sandy loam on the margins of sunny borders or in the rock garden. Plant in autumn or spring, 6 inches apart.

- ***Ocyroides splendens** Three \$0.85, Doz. \$2.75, 100 \$18.00
Pretty prostrate border and rockery plant; flowers rosy pink, produced in great quantities just above the foliage in late May and early June.

- ***Ocyroides alba** Three \$0.85, Doz. \$2.75, 100 \$18.00
A pure white form of the above.



Saxifraga McNabiana

SAXIFRAGA - Rock-foil; Megasea

A large genus of rock plants, only a few of which are suitable for culture in this country. The majority require to be grown on rockeries. The sorts suitable to grow as edgings to, or in masses on, the margins of borders are what are known as the Giant-leaved Saxifragas or Megaseas, with large, leathery leaves, which are also admirably suited for shady borders in city gardens.

Culture. The mossy Saxifragas are best suited for shady borders or rock gardens, will do well in good, ordinary soil. Plant in March or early fall. The Megasea or large-leaved kinds will thrive in ordinary, good, rich soil in well drained borders, by the waterside, or in the rockery. May be grown in sun or shade. Should be watered freely in dry summer. McNabiana is best grown in stony soil in the rockery in full sun. Plant early fall or spring, 8 inches apart.

- ****Coespitosa** Three \$1.40, Doz. \$4.00, 100 \$30.00
A robust grower about 2 to 6 inches high with dense foliage. Small white flowers from June to August. Loves a rich, well drained but moist soil and very light shade.

- ****Decipiens** Three \$1.20, Doz. \$3.50, 100 \$25.00
(Crimson Moss). Dwarf mossy plants bearing white flowers in May and June. The green foliage turns a bronzy crimson in winter. 4 inches high. Splendid rock plant; prefers light shade.

- ****McNabiana** Three \$1.20, Doz. \$3.50, 100 \$25.00
This plant is a splendid sort for wall garden or in crevices in the rock garden. Foliage is gray-green in form of a rosette and quite stiff, from the center comes a flower spike about 12 inches long covered with small, white blossoms speckled with pink.

- ***Megasea cordifolia** Three \$1.20, Doz. \$3.50, 100 \$25.00
These will thrive in ordinary soil in any position. Grow about one foot high, and are admirable for the front of the border or shrubbery, forming masses of handsome, broad, deep green foliage, which alone renders them useful; flowers appear very early in the spring. Fine among rocks or ledges.

- ***Megasea crassifolia** Three \$1.20, Doz. \$3.50, 100 \$25.00
12 to 15 inches. April to June. Showy and spreading. Drooping masses of pink flowers high above the large clustered leaves. A fine rock plant.

- ***Megasea Hybrids** Three \$1.00, Doz. \$3.00, 100 \$20.00
Handsome plants in fine mixture of all shades of rose or pink. Excellent foliage. Good for the rock garden or border. Does well in shade or sun.



Spirea Aruncus

SCABIOSA - Scabious or Pincushion Flower

Charming perennials for border culture and for cut flowers. The Scabiosa caucasica are particularly valuable for the latter purpose, as its large, showy, blue or white flowers are borne on long stems. The species are of easy culture, and desirable to grow in sunny borders.

Culture. All will thrive in well drained, good, ordinary soil, which is not heavy or damp. Cold and damp is fatal to these plants. An ideal soil for them is a sandy loam. Plant in early autumn or early spring. The plants are best in groups of three or more. Plant about 8 inches apart. A full sunny position is essential.

- Caucasica** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Blue Bonnet). Their lovely flowers are a soft and charming shade of lavender; commences to bloom in June, throwing stems 18 to 24 inches high until September.

- Caucasica alba** Three \$1.10, Doz. \$3.25, 100 \$22.50
(White Bonnet). The white form of the preceding.

- Japonica** Three \$1.00, Doz. \$3.00, 100 \$20.00
Lavender-blue flowers from July to September. 2 feet. This is a biennial variety, but very valuable for its great quantity of blue flowers produced throughout the summer.

- Pennsylvanica** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Cephalaria tatarica). Large golden yellow flowers, similar to the true Scabiosa in form, but 5 feet tall; excellent plant for back in the border or in front of shrubs.

SCUTELLARIA - Skull Cap

There are many species scattered throughout the world. Baicalensis is the only one considered; it is a shrub-like plant with lovely blue flowers suitable for the sunny border or rock garden.

Culture. Well drained, rich, sandy soil is best. Plant in full sun in border or rock garden in fall or spring, 10 inches apart.

- ***Baicalensis caelestina** Three \$1.10, Doz. \$3.25, 100 \$22.50
Short, wiry stems, one foot high, clothed with clear blue Snapdragon-shaped flowers during July and August; a very good plant for the rockery or in front of the border.

SENECIO - Ragwort; Groundsel

Only a few species of this genus are worthy of cultivation. They are of vigorous growth, and suitable for the wild garden and the waterside only.

Culture. Those named will thrive in ordinary soil, in partial shade, in open woods or under trees. The plants should be grown in small colonies. Plant in autumn or early spring, 12 inches apart.

- Clivarium** Three \$1.10, Doz. \$3.25, 100 \$22.50
Forms a neat tuft of foliage, from which spring up from July to October a succession of 3-foot stems, with clusters of orange-yellow flowers. One of the few plants that flower profusely in shade.

**SEDUM - Stonecrop**

A genus of plants which vary in habit from dwarf, creeping plants to those of larger growth, as *Spectabile*, which grows about 2 feet high. Some are evergreen and others of deciduous growth. The dwarf kinds do well as edgings to borders or in rock gardens. Others are suitable for grouping in the border. They are the easiest of plants to grow.

Culture. Ordinary soil and dry, sunny borders or dry sunny places in the rock garden will suit all. *Spectabile*, indeed, will also thrive in shade. For edging purposes simply plant a few inches apart, and in due course they will develop into a continuous mass of foliage. They will grow where little else will thrive. Plant in autumn or spring, 4 to 8 inches apart.

- ***Acre** Three \$0.85, Doz. \$2.75, 100 \$18.00
(Garden Mass). Much used for covering graves; foliage green; flowers bright yellow; prostrate and slowly spreading.
- ***Anglicum** Three \$1.00, Doz. \$3.00, 100 \$20.00
A tiny mass-like carpeting plant. Native of England. The whole plant disappears under a constellation of soft pink starlike flowers. Early summer.
- ***Aizoon** Three \$0.85, Doz. \$2.75, 100 \$18.00
Bright yellow flowers. 1 foot. July and August.
- ***Album** Three \$0.85, Doz. \$2.75, 100 \$18.00
Dwarf and spreading; thick, waxy round foliage, white flowers; good rock plant.
- ***Eversi** Three \$1.00, Doz. \$3.00, 100 \$20.00
A very nice variety of sub-trailing habit. Foliage is glaucous gray. In garden is at a premium. Good strong grower but not rampant.
- ***Glaucum** Three \$1.00, Doz. \$3.00, 100 \$20.00
Excellent dwarf variety for rockeries; prostrate and of slow growth; lovely blue-green foliage.
- ***Kamtschaticum** Three \$0.85, Doz. \$2.75, 100 \$18.00
Orange-yellow flowers, with prostrate, green foliage, turning golden in autumn.
- ***Kamtschaticum Variegated** Three \$1.00, Doz. \$3.00, 100 \$20.00
One of the best, because of its handsome dull golden variegated foliage which blends marvelously with the orange-yellow flowers, which are profusely produced in midsummer at a time when color in the rock garden is at a premium. Good strong grower but not rampant.
- ***Lydium** Three \$0.85, Doz. \$2.75, 100 \$18.00
Very fine rock plant, blue-green foliage and of prostrate habit.
- ***Rupestre** Three \$0.85, Doz. \$2.75, 100 \$18.00
Pretty glaucous, bluish green leaves of trailing habit with golden yellow flowers; 3 inches high.
- ***Sarmentosum** Three \$0.85, Doz. \$2.75, 100 \$18.00
Excellent dwarf variety for rockeries or border edgings. The best *Sedum* for filling seams between rocks in wall garden; rapid grower.
- ***Sexangulare** Three \$1.00, Doz. \$3.00, 100 \$20.00
Very dark green foliage; yellow flowers; habit much like *Acre*.
- ***Sieboldi** Three \$1.00, Doz. \$3.00, 100 \$20.00
Round, succulent, glaucous foliage; bright pink flowers in September. The loveliest of all the *Sedums*.
- ***Spurium coccineum** Three \$0.85, Doz. \$2.75, 100 \$18.00
A beautiful rosy crimson-flowered form; July and August. 6 inches. Very fast spreading variety; good for covering sandy banks.
- ***Spectabile** Three \$1.00, Doz. \$3.00, 100 \$20.00
One of the prettiest erect-growing species, attaining a height of 18 inches, with broad, light green foliage and immense heads of handsome, showy, rose colored flowers; indispensable as a late fall-blooming plant.
- ***Spectabile "Brilliant"** Three \$1.00, Doz. \$3.00, 100 \$20.00
A richly colored form of the preceding, being a bright orange-red.
- ***Spathulatum purpureum** Three \$1.00, Doz. \$3.00, 100 \$20.00
Reddish leaves with gray in center of the rosette. Dark yellow flowers, contrasting beautifully with the foliage.
- ***Stoloniferum** Three \$0.85, Doz. \$2.75, 100 \$18.00
Most desirable; evergreen leaves; flowers purplish pink. July and August. Excellent for rock garden. 6 inches.
- ***Ternatum** Three \$0.85, Doz. \$2.75, 100 \$18.00
The most satisfactory variety for planting in the shade; for ground carpeting under trees or anywhere it is difficult to make plants grow. Spreads rapidly and does well on all sorts of soil.



Sedum Sieboldi



Sempervivum

SEMPERVIVUM - House Leek

Most attractive, hardy, succulent plants for the rock garden and rock wall. Their rosette-like, thick leaves are fleshy and pointed. The small clumps slowly spread, filling pockets and crevices between the rocks.

Culture. All require a rich, sandy and perfectly drained soil in full sun. Planting may be done in fall or spring, 3 to 4 inches apart. It takes a few months for them to get well established. Do not disturb when once planted. The old rosettes disappear after flowering but their place is taken by numerous young plants so that they are never missed. The flowers are all in small panicles on short, fleshy stems; all flower in June and July.

- ***Arachnoideum fimbriatum** Three \$1.00, Doz. \$3.00, 100 \$20.00
A fine cobweb rosette about one inch long at the end of which appear the young plants giving a lovely star-like effect.
- ***Arachnoideum Lagerei** Three \$1.00, Doz. \$3.00, 100 \$20.00
Similar in growth to *Minus* except that the rosettes are twice as large and produced in greater abundance. A fine cobweb variety.
- ***Atrovioleaceum** Each 50c, Doz. \$5.00
The largest of the entire collection. Forms a beautiful rosette, almost 4 inches in diameter when fully grown, of deep reddish purple leaves. Should be in every rockery. 8 inches.
- ***Brauni** Three \$0.85, Doz. \$2.75, 100 \$18.00
A very attractive rosette-like plant. Color of leaves is bronze, almost a dull red at tip of leaves. At the base a dull green. 6 inches.
- ***Doellianum** Three \$0.85, Doz. \$2.75, 100 \$18.00
Small, hairy rosettes of pale green leaves, tinted red at the tips. The panicles of bright red flowers are 4 to 6 inches high. Effective when grown in large masses.
- ***Fauconette** Three \$1.00, Doz. \$3.00, 100 \$20.00
Very similar to *Brauni*. The general make-up of the plant, however, is a little finer and more delicate. 6 inches.
- ***Funcki** Three \$0.85, Doz. \$2.75, 100 \$18.00
Green tipped brownish rosettes produced rapidly in great numbers. A very fine sort to use where a brownish color is desired. 6 inches.
- ***Globiferum** Three \$0.85, Doz. \$2.75, 100 \$18.00
Flattened rosettes, 2 to 3 inches in diameter, of gray-green leaves, lightly tipped brown. Pale yellow flowers, three-fourths to one inch in diameter, in densely hairy panicles. 1 foot high.
- ***Tectorum** Three \$0.85, Doz. \$2.75, 100 \$18.00
Broad rosettes, the leaves having reddish brown tips; flowers pale red. 1 foot. This is the common House Leek of our grandmother's garden. All *Sempervivum* are offered in good size clumps consisting of many big and little plants.



Campanula
Calycanthema
See page 12



Plumbago
Larpentae
See page 44



Veronica
Langifolia
Subsessilis
See page 52



Veronica Rupestris, Heavenly Blue
See page 52



Saxifraga Megasea Hybrids
See page 47

Buddleia Fortune

Insufficient room on this page prevents us from telling you about this lovely new Butterfly Bush. Please turn to page 61 for complete information.

A patent has been applied for.



Daphne Cneorum

See page 19.





Silene Schafta

SHORTIA

Lovely dwarf plants with round leaves topped in spring with small, white, cuplike flowers. Suitable for open woods or shady rock garden. **Culture.** These plants require a light fibrous soil which is at least fifty per cent leaf mold. Should be grown in half shade in the rock garden or open woods. Plant in fall or early spring, 3 to 4 inches apart.

- ***Galacifolia** Three \$1.40, Doz. \$4.00, 100 \$30.00
A rare and beautiful species, from the mountains of North Carolina. The leaves are evergreen and the petals, five in number, are pure white, and scalloped or notched on the edges. Flowers about an inch across in early summer. Plant in a shady place.

SILPHIUM - Compass Plant or Cup Plant

Vigorous growing perennials with big leaves and yellow flowers in large panicles.

Culture. All do well in any kind of soil and are fine for waterside or wild garden planting. Good subjects for the back of the border. Plant fall or spring, 18 inches apart.

- Perfoliatum** Three \$1.40, Doz. \$4.00, 100 \$30.00
A very decorative hardy plant, growing about 6 feet high with large panicles of yellow flowers. The leaves are united at the base, forming a cup. Hence its name—Cup Plant. Fine near waterside in wild garden.

SIDALCEA - Greek-Mallow

Graceful, hardy perennials with small, hollyhock-like flowers borne on slender spikes. Suitable for sunny borders.

Culture. Grow in good, ordinary soil in sunny borders. Plant in autumn or early spring, 8 inches apart.

- Rosy Gem** Three \$1.00, Doz. \$3.00, 100 \$20.00
Erect growing, more or less branching plants, 2 to 3 feet in height, producing their showy bright rose colored flowers during June and July. They will succeed in any garden soil in a sunny position.

SILENE - Catchfly or Campion

These perennials are of dwarf habit, and chiefly suitable for rockeries. Two species, however, *Maritima flore pleno* and *Schafta*, may be grown as edgings to sunny borders.

Culture. Grow in good, ordinary soil on the margins of slightly raised, sunny borders or rock gardens. May be grown as a continuous edging or in masses. Plant in early spring or fall, 4 inches apart.

- ***Alpestris** Three \$1.00, Doz. \$3.00, 100 \$20.00
Dwarf rock plant, dainty, pure white flowers in May and June.

- Maritima** Three \$1.00, Doz. \$3.00, 100 \$20.00
Compact masses of glaucous blue foliage. Very neat in appearance. 2 to 3 inches high. From June to August the entire plant is covered with white flowers. Especially happy in a hot dry place in the rockery or for the rock wall.

- ***Saxifraga** Three \$1.20, Doz. \$3.50, 100 \$25.00
A choice Alpine of mossy growth. Flowers white, in great profusion all summer.

- ***Schafta** Three \$0.85, Doz. \$2.75, 100 \$18.00
(Autumn Catchfly). A charming border or rock plant, growing from 4 to 6 inches high, with masses of bright pink flowers from July to October.

SHASTA DAISY (See *Chrysanthemum Maximum*).

SPIREA - Goat's Beard; Meadow Sweet

Very handsome herbaceous perennials. In general appearance the species are much like those of the *Astilbe*. The species named below have handsomely divided leaves and flowers borne in graceful, feathery plumes. All are suitable for shady borders, woodland glades and the wild garden.

Culture. The *Spireas* require a deep, rich and moist soil. Plenty of leaf mold and well-decayed manure must be incorporated with it before planting. *Aruncus* may be grown as single specimens in moist parts of the garden. As to the rest, these will thrive in shady, moist borders, or they may be grown by the waterside. *Filipendula flore pleno*, being small, should be grown in groups of three or six plants. Those grown in borders should be given copious supplies of water in dry weather. Plant in autumn or early spring, 12 inches apart.

- Aruncus** Three \$1.20, Doz. \$3.50, 100 \$25.00
Produces long, feathery panicles of white flowers, forming graceful plumes 4 feet tall in June.

- Filipendula** Three \$0.85, Doz. \$2.75, 100 \$18.00
(Dropwort). Numerous corymbs of white flowers on stems 15 inches high during June and July; pretty fernlike foliage.

- ***Filipendula flore pleno** Three \$1.20, Doz. \$3.50, 100 \$25.00
Double white flowers on 12-inch stems; lovely fernlike foliage.

- Palmata elegans** Three \$1.20, Doz. \$3.50, 100 \$25.00
Graceful plumes of lovely light pink flowers in June, on stems 3 feet high. Fine for waterside planting.

SPIREA - Astilbe

- Venusta** Three \$1.40, Doz. \$4.00, 100 \$30.00
(Martha Washington Plume). A noble plant growing about four feet high, producing in July and August handsome, rosy carmine flowers which are delightfully fragrant. A desirable subject for the border or along a small brook.

- Betsy Cuperus** Three \$1.60, Doz. \$4.70, 100 \$35.00
The fine drooping flower spikes, 2 feet long, show in summer during some weeks a great number of white flowers with pink center.

- Marguerite Van Rechteren** Three \$1.60, Doz. \$4.70, 100 \$35.00
The flower stem itself has a length of over 3 feet. The very fine fringed flowers are bright red tinged with dark blue.

- Vesta** Three \$1.60, Doz. \$4.70, 100 \$35.00
Tall, lilac-rose spikes; beautiful garden variety.

- Deuchland** Three \$1.60, Doz. \$4.70, 100 \$35.00
A lovely pure white variety and of strong growth and very free flowering.

- Gloria** Three \$1.60, Doz. \$4.70, 100 \$35.00
Conspicuously beautiful with dense, feathery plumes of brilliant dark pink, shaded lilac.

- Granat** Three \$1.60, Doz. \$4.70, 100 \$35.00
Striking novelty with long, well formed spikes and splendid crimson flowers, shaded salmon.

STACHYS - Woundwort

Dwarf-growing perennials suitable for the margins of borders or as rock plants. *Lanata* is commonly used as an edging to borders.

Culture. Will thrive in ordinary soil in a sunny border or rockery. For edging purposes plant eight inches apart in autumn or spring. Remove any flowers that form on *Lanata* as the plant is grown only for its lovely silvery foliage.

- ***Lanata** Three \$0.85, Doz. \$2.75, 100 \$18.00
Fine, old-fashioned cottage garden plant for edging; useful in rock garden; dwarf; soft silvery foliage; flowers useless. 4 inches.

STATICE - Great Sea-Lavender

The leathery, dark green leaves spring directly from the root stock and the flower stems are more or less twiggy, bearing their small flowers in much-branched panicles. The flowers are useful for cutting for indoor decoration, also for drying for winter use.

Culture. A sandy loam is essential to grow these plants well. They will not thrive on heavy soils. A sunny position, too, is indispensable. Plant in autumn or spring, 6 inches apart. They show to the best advantage when grown towards the front of the border. If the flowers are required for winter decoration, gather them before they are fully expanded.

- ***Latifolia** Three \$0.85, Doz. \$2.75, 100 \$18.00
A valuable plant either for the border or rockery, immense heads, frequently 1½ feet high and 2 feet across, of purplish blue, minute flowers during July and August. These, if cut and dried, last in perfect condition for months.

STOKESIA - Cornflower Aster; Stokes' Aster

A very handsome perennial, with China Aster-like flowers, that appear late in the season, about September. It prefers a warm, sheltered location. Should certainly be grown in all gardens since its flowers are most beautiful in form and color.

Culture. Grow in a sunny, well drained border in sandy loam, 6 inches apart. Plant in March or early autumn. In wet seasons in autumn place a slight mound of ashes or leaf mold around the crown of the plants to prevent rotting.

- Cyanea caerulea** Three \$1.00, Doz. \$3.00, 100 \$20.00
Beautiful light blue flowers are produced profusely in late summer and early autumn on 18-inch stems; lovely for cutting or in front of the border. *Stokesias* are one of our best late summer-flowering hardy plants.

- Cyanea caerulea alba** Three \$1.20, Doz. \$3.50, 100 \$25.00
White-flowered form of the above.

SWEET WILLIAM (See *Dianthus Barbatus*).



Thymus Serpyllum Lanuginosus

TEUCRIUM - Germander

Shrublike plants of moderate growth. Chamaedrys has shrublike, shiny, dark leaves. Orientalis is airy and fit for the rock garden.

Culture. A well-drained, good garden soil is all that is required to grow them to perfection. Plant in fall or early spring, 6 inches apart in full sun, in rock garden or border. Chamaedrys may also be used as an edging to flower beds or garden plants in the small formal garden.

***Chamaedrys** Three \$1.20, Doz. \$3.50, 100 \$25.00
Glossy green foliage resembling dwarf boxwood, may be used in place of boxwood where the latter is not hardy; can be clipped to suit any height up to 12 inches.

***Orientalis** Three \$1.00, Doz. \$3.00, 100 \$20.00
Dwarf, graceful plants, producing an abundance of blue flowers in August; good for rock garden or border.

THERMOPSIS

Only one species is worthy of mention here. This has three-foliate leaves, and yellow, lupine-like flowers borne in long, terminal racemes. It is of graceful growth and specially suitable for the sunny border.

Culture. Ordinary soil in a sunny, well drained, dry border. Plant in autumn or spring, 8 inches apart.

Caroliniana Three \$1.20, Doz. \$3.50, 100 \$25.00
A lovely lupine-like plant with rich green foliage, growing about 2 feet high. In June and July, yellow, pealike flowers are produced in racemes, 6 to 12 inches long. The general appearance is that of a yellow lupine.

THALICTRUM - Meadow-Rue

Hardy perennials, with elegant, finely divided, Columbine or Maiden-hair-like foliage, which is most useful for cutting for mixing with cut flowers. Are borne in feathery clusters or panicles, and they add considerably to the beauty of the plants. They are of easy cultivation in sun or shade.

Culture. They will thrive in any good, ordinary, well drained soil. May be grown in sunny or partially shaded borders. Tall species like aquilegifolium are most effective when grown as single specimens in the front of shrubbery borders, or in the wild garden. The other species may be grown in colonies in the garden or border. Plant in autumn or spring, 8 to 12 inches apart. Dipterocarpum should be carefully protected if planted in the fall.

***Adiantifolium** Three \$1.00, Doz. \$3.00, 100 \$20.00
A beautiful variety, with foliage like the Maidenhair Fern and miniature white flowers in June; grows about 2 feet high.

Aquilegifolium Three \$1.20, Doz. \$3.50, 100 \$25.00
Graceful foliage like that of Columbine, and rosy purple flowers from June to July on 2 to 3 foot tall spikes; lovely planted together with Poppy Wm. Perry.

Aquilegifolium album Three \$1.20, Doz. \$3.50, 100 \$25.00
White form of the above.

Dipterocarpum Three \$1.40, Doz. \$4.00, 100 \$30.00
Flowers a charming shade of lilac-mauve, which is brightened by a bunch of lemon-yellow stamens and anthers. The plant is of strong growth, about 4 feet high. The dainty flowers are produced in graceful sprays during August and September.

Glaucum Three \$1.20, Doz. \$3.50, 100 \$25.00
Similar in habit to the Aquilegifolium; blue-gray leaves rather finely cut, with heads of Chinese yellow, fragrant flowers. 3 to 4 feet. July.

THYMUS - Thyme

Dwarf-growing, almost prostrate creeping perennials with fragrant foliage, suitable for growing on the margins of dry, sunny banks, slopes or rock gardens.

Culture. These will thrive in ordinary soil in well drained, dry borders or on sunny slopes and rockeries. They soon spread and form neat patches of foliage, studded in summer with rosy purple or crimson flowers. Plant in autumn or spring, 6 inches apart. All flower in June and July.

***Citriodorus** Three \$1.00, Doz. \$3.00, 100 \$20.00
The well known "Lemon Thyme."

***Lanuginosus** Three \$1.00, Doz. \$3.00, 100 \$20.00
(Woolly-Leaved Thyme). Woolly foliage with bright pink flowers.

***Serpyllum** Three \$1.00, Doz. \$3.00, 100 \$20.00
Growing about 10 inches high and spreading rapidly. This is one of the good varieties for naturalizing. When established it may be mowed with lawnmower. Foliage is very fragrant when walked upon.

***Serpyllum album** Three \$1.00, Doz. \$3.00, 100 \$20.00
(White Mountain Thyme). Forms dense mats of dark green foliage and clouds of white flowers.

***Serpyllum coccineum** Three \$1.00, Doz. \$3.00, 100 \$20.00
Plants become completely covered with brilliant crimson-scarlet flowers.

***Serpyllum splendens** Three \$1.00, Doz. \$3.00, 100 \$20.00
A rapid, dwarf-growing variety; very hardy and excellent to cover bare spots, also good for the edge of walks or in the rock garden.

TIARELLA - Foam-flower or False Mitre-wort

The only species of any merit is Cordifolia. It has prettily marbled or bronzy foliage, and feathery, creamy white, starry flowers. A suitable plant for massing in a shady border or in shade in the rockery.

Culture. Grow in ordinary soil in shady or partially shady locations. Plant in autumn or spring, 4 inches apart. Lift and divide every three years.

***Cordifolia** Three \$0.85, Doz. \$2.75, 100 \$18.00
An attractive little plant with the foliage and small, creamy white, star-shaped flowers. Prefers partial shade; not over 12 inches in height; flowering in May.

TRILLIUM - American Wood-lily or Wake Robin

Spring-flowering perennials with three leaves borne in a whorl, and flowers with three petal-like segments. A very interesting genus of plants for naturalizing under the shade of deciduous trees in woodland borders, the margins of shady walks, or in the shady border.

Culture. The Trilliums require to be grown in peat and leaf mold in shade or partial shade. Plant in autumn or very early spring, 3 inches apart, in large colonies to produce the best effect. They like plenty of moisture in summer.

Grandiflorum Three \$0.65, Doz. \$2.00, 100 \$12.00
Excellent plants for shady positions in the hardy border, or in a sub-aquatic position. Large, pure white flowers in early spring. 12 to 18 inches high.

Thalictrum Aquilegifolium



WAYSIDE GARDENS

TRADESCANTIA - Spider-wort or Flower-of-a-Day

An old-fashioned American perennial, with narrow, purple-veined leaves, and flowers consisting of three sepal-like segments and three petal-like ones in dense umbels.

Culture. All will thrive in ordinary soil in partially shady or sunny borders. Also suitable for naturalizing in the wild garden, woodland, or shrubby borders. Good town garden plants. Best grown in colonies of three or more. Plant in autumn or spring, 8 inches apart.

Virginica Three \$0.85, Doz. \$2.75, 100 \$18.00
Produces a succession of blue flowers all summer, on fleshy, blue-green stems about 18 inches high. A very fine plant for places where it is difficult to grow more delicate subjects; does well in shade and at the base of house or porch, where nothing else will grow. Good for the city garden.

Virginica alba Three \$0.85, Doz. \$2.75, 100 \$18.00
A white-flowered form.

TROLLIUS - Globe-flower

Hardy perennials belonging to the buttercup order. The flowers are globe-shaped, yellow or orange in color and useful for cutting.

Culture. They require a deep rich soil containing plenty of humus. They also like plenty of moisture, hence, should be grown in damp, shady corners, or, better still, by the waterside, in bold masses. Plant in autumn or very early spring, 8 inches apart. Each spring give a top dressing of rotten manure. Few plants make a brighter display of color in spring and early summer.

Asiaticus, Salamander Three \$1.90, Doz. \$5.50
A splendid new variety of excellent habit producing a wealth of rich yellow blossoms. Does very well near a pond or stream.

Europaeus, Gold Quelle Three \$1.90, Doz. \$5.50
A deep yellow flower with tall, rich golden stamens. A fine late flowering sort.

Europaeus, Lemon Queen Three \$1.60, Doz. \$4.50
Free flowering strong growing plant. Flowers pale yellow, produced in abundance on stems about 2 feet high.

Europaeus, Orange Globe Three \$1.60, Doz. \$4.50
Desirable free-flowering plants, producing their giant orange-yellow buttercup-like blossoms on stems 1 to 2 feet high from May until August; succeeds admirably in the border in a half-shady position.

Europaeus Superbus Three \$1.60, Doz. \$4.50
Same habit as Orange Globe with pale yellow blossoms.

Ledebouri Three \$1.90, Doz. \$5.50
A magnificent variety of very deep orange color. Its great merit lies in its late flowering propensities. After other varieties have faded, it is at its best.

Choice Mixed Colors Three \$1.20, Doz. \$3.50, 100 \$25.00
Colors range from pale yellow to deep orange; on strong stems 2 feet high. Wonderful as cut flowers, and good in moist locations.

Scabiosa Caucasica



Santolina Chamaecyparissus

TRITOMA - Torch Lily; Flame Flower; Red Hot Poker

Also known under the name of Kniphofia. A very popular plant for garden decoration. They are of stately growth, have long, narrow, grassy leaves, and bear their drooping, tubular flowers in dense spikes on long, naked stems well above the foliage. They are ideal plants to grow in the border. Coming chiefly from South Africa they must be well protected in cold districts; Quartiniana, however, is perfectly hardy. Flowers are prized for cutting in late summer and early autumn.

Culture. Any good, ordinary, well drained soil and a sunny position will suit Tritomas. Plant in spring only, 12 inches apart. A liberal mulching of decayed manure should be spread around the base of the plants in early winter. During severe weather protect the plants by a covering of straw or dry litter.

Pfitzeri Three \$1.20, Doz. \$3.50
Hardy if given protection. In bloom from August to October, with spikes 3 to 4 feet high, and heads of bloom of a rich orange-scarlet.

Perry's Hardy Hybrids Three \$1.00, Doz. \$3.00
These are seedlings of various colors, ranging from pale yellow to deep orange and are very showy; perfectly hardy.

Quartiniana Three \$1.20, Doz. \$3.50
A strong growing variety, blooming late in May. Orange-red at first, but yellow on bottom half as bloom matures. Perfectly hardy here; does not need protection.

Uvaria grandiflora Three \$1.20, Doz. \$3.50
3 to 4 feet. The old-fashioned, late-flowering sort, with flowers rich red changing to salmon-pink. Needs slight protection.

TUNICA - Coat Flower

Slender, graceful perennials with almost hairlike stems covered all summer with small Baby's Breath-like flowers. Excellent for rock garden, rock wall or in front in sunny borders.

Culture. Ordinary well drained garden soil not too rich suits them best. Grow in rock garden, rock wall or border in full sun. Plant in fall or spring, 4 inches apart.

***Saxifraga** Three \$0.85, Doz. \$2.75, 100 \$18.00
A pretty tufted plant with light pink flowers, produced all summer, about 6 inches high; for the rockery or border.

***Saxifraga rosea flore pleno** Three \$1.20, Doz. \$3.50, 100 \$25.00
Is a lovely double, pink variety. The rose-pink flowers are produced all spring and summer in great quantities which makes it a most valuable plant for the rock garden. We have a limited number of strong plants in pots ready to bloom.

VALERIANA - Centranthus; Garden Heliotrope

Hardy, old-fashioned perennials. Showy plants for dry, sunny borders, banks, or old walls. Flowers are borne in panicles. A great favorite in old-fashioned gardens, especially in districts where soil abounds with lime.

Culture. Ordinary soil and sunny borders. Planted in the chinks of old walls will speedily root and make dense bushes. Plant in spring or fall, 12 inches apart.

***Coccinea** Three \$0.85, Doz. \$2.75, 100 \$18.00
Showy heads of old rose flowers in umbels on 12-inch stems just above the rich green foliage, are produced from June until October. A splendid plant for bold effects in the wall or rock garden; plants, if too large, may be severely cut back without damage. Total height about 2 feet.

***Coccinea alba** Three \$0.85, Doz. \$2.75, 100 \$18.00
White form of the above.

Officinalis Three \$1.00, Doz. \$3.00, 100 \$20.00
(Hardy Garden Heliotrope). Produces showy heads of rose-tinted white flowers during June and July, with delicious strong heliotrope odor. 3 to 4 feet high, loves a moist spot.

VERBASCUM - Mullein

Hardy biennial and perennial plants of stately growth, suitable for borders or rock gardens. The leaves are more or less woolly, and the flowers are borne in branched spikes. There are now several beautiful hybrids in cultivation which are superior to the species.

Culture. Mulleins require a light or medium, well drained soil. Plant in autumn or early spring, about 4 to 8 inches apart. Once a colony of these plants is established they will reproduce themselves freely from seed each year.

Olympicum Three \$1.00, Doz. \$3.00, 100 \$20.00
(Greek Mullein). The showiest of the entire family of more than thirty varieties. The foliage is silvery white, with leaves often 3 feet long. Flowers yellow, produced in quantity for about three weeks in midsummer. Succeeds best in a dry situation. 3 to 5 feet.

***Phoeniceum, Wayside Gardens Hybrids** Three \$1.20, Doz. \$3.50, 100 \$25.00
An excellent strain produced from a very superior grade of English Hybrids. Colors are most interesting, ranging from white, pink, rose, purple and bronze to brown; they grow about 18 inches high.

VERBENA

The popular Verbena, grown so extensively for summer bedding, is a tender plant, which will not survive the winter. There is, however, a hardy herbaceous species named below which will survive the winter, and annually produce a wealth of bluish or lilac flowers from June to October, and which may be permanently grown outdoors in well drained soils. It is of spreading habit.

Culture. Any good, ordinary, light or medium, well drained soil will suit this plant. It should be grown in masses on the rockery by itself, or in masses in warm borders. Plant in spring, 6 inches apart. In autumn mulch with straw as a protection against injury by frost.

***Canadensis** Three \$1.00, Doz. \$3.00, 100 \$20.00
A creeping plant in bloom all summer. The flowers are purplish blue and always plentiful. Good for rock garden in warm, sunny place.



Tritoma Pfitzeri

VERONICA - Speedwell

Beautiful hardy perennials that vary in height from a few inches to three feet and bear blue, rosy pink or white flowers in terminal spikes or racemes. Showy plants for borders or rock gardens and all of easy culture.

Culture. Good, ordinary soil will suffice for all the foregoing kinds. Grow the dwarf sorts in masses on the margins of sunny borders or rock gardens, and the others in colonies in positions according to their height. Plant in autumn or spring, 6 to 8 inches apart; cut back all faded flowers to promote new growth and additional blooms. They are classed amongst the best perennials for the American gardens.

***Amethystina "Royal Blue"** Three \$1.00, Doz. \$3.00, 100 \$20.00
Beautiful spikes of rich gentian-blue flowers. 10 to 15 inches. June and July flowering.

***Erica** Three \$1.00, Doz. \$3.00, 100 \$20.00
A heather-like Speedwell with delicate pink flowers. June-July. 8 to 12 inches.

***Incana** Three \$0.85, Doz. \$2.75, 100 \$18.00
(Candida). 1 foot. July and August. A white, woolly plant; flowers numerous; blue. Has good appearance, both in and out of bloom. Useful in rockery or for edging paths and flower beds.

Longifolia subsessilis Three \$1.20, Doz. \$3.50, 100 \$25.00
2 feet. July to September. One of the handsomest blue-flowering plants. Perfectly hardy and increases in strength and beauty each year. Spikes completely studded with beautiful blue flowers; fine for cutting and one of the best plants for the hardy border.

***Repens** Three \$1.00, Doz. \$3.00, 100 \$20.00
1 to 2 inches. May and June. A useful rock or carpeting plant with light blue flowers. Not very hardy, we recommend Rupestris in its place.

***Rupestris** Three \$1.00, Doz. \$3.00, 100 \$20.00
A fine rock plant growing 3 to 4 inches high; thickly matted, deep green foliage, hidden in early June under a cloud of bright blue flowers. Does well in light shade and is also a good ground cover for shrub borders.

***Rupestris flexuosa** Three \$1.20, Doz. \$3.50, 100 \$25.00
Prostrate creeping plant forming a solid carpet of green which in late April and early May is covered with pale blue flowers 1 inch high. A-No. 1 rock plant.

***Rupestris, Heavenly Blue** Three \$1.20, Doz. \$3.50, 100 \$25.00
The same habit as Rupestris or Rupestris alba; prostrate; does well in full sun or light shade. Lovely in the rockery or at base of shrubbery. Completely covered with heavenly blue flowers in late May or early June.

***Rupestris nana rosea** Three \$1.20, Doz. \$3.50, 100 \$25.00
Has same habit and flowers at same time as Rupestris nana. The flowers, however, are mauve-pink.

Spicata Three \$0.85, Doz. \$2.75, 100 \$18.00
Long spikes of violet-blue flowers all summer; a very fine variety for the middle of the hardy border. For best results lift and divide every three years and fertilize well with bone meal. Plant grows about 24 inches tall.

Spicata alba Three \$0.85, Doz. \$2.75, 100 \$18.00
Long spikes of snowy white flowers.

True Blue Three \$1.00, Doz. \$3.00, 100 \$20.00
Literally covers itself with blossoms of intense blue. 12 inches. June-July flowering.

Viola Floaire





VIOLA

Popular garden flowers originally obtained by crossing *Viola cornuta* (the Horned Viola) with the ordinary Pansy. They differ from the ordinary Pansy by being more compact in habit and more continuous and free in flowering.

Culture. To grow Violas well, good soil is a great advantage, although fine results may be obtained from plants planted in any soil that has been well dug, and a heavy dressing of partially rotted manure incorporated at the time of digging. Plant 8 inches apart in fall or early spring and plant firmly. Be sure and see that no excess moisture will kill the plants in winter.

VIOLA CORNUTA - Tufted Pansies

- Admiration** Three \$0.65, Doz. \$2.00, 100 \$12.00
Deep violet flowers in great profusion all summer.
- *Floraire** Three \$1.00, Doz. \$3.00, 100 \$20.00
A gem, producing profusely all summer through, small blossoms of pale blue. Famous in and around Geneva, Switzerland, a product of Monsieur Correvon. Fine for rockery.
- *G. Wermig** Three \$1.00, Doz. \$3.00, 100 \$20.00
A variety of Tufted Pansy, forming clumps which are covered with rich violet-blue flowers the entire season; fine for rock garden.
- Golden Yellow** Three \$0.65, Doz. \$2.00, 100 \$12.00
A very free-flowering sort producing its golden yellow flowers all summer.
- *Gracilis** Three \$1.00, Doz. \$3.00, 100 \$20.00
A tufted species producing a mass of rich purple, small, starry flowers in bloom all summer. An ideal variety for the rock garden.
- Jersey Gem** Three \$0.85, Doz. \$2.75, 100 \$18.00
Possesses the dwarf habit and continuity of blooming of the true horned Viola (*V. cornuta*), and vigorous, bushy growth and roundish foliage of the finest English bedding varieties. Pure, rich violet, slightly perfumed.
- Perfection** Three \$0.65, Doz. \$2.00, 100 \$12.00
Light blue flowers in abundance all summer; a very lovely variety planted with the yellow sort.
- Sutton's Apricot** Three \$1.00, Doz. \$3.00, 100 \$20.00
Beautiful rich apricot shade, tinted orange toward the center.
- White Perfection** Three \$0.65, Doz. \$2.00, 100 \$12.00
Pure white blooms in great profusion all summer.
- Mixed** Three \$0.65, Doz. \$2.00, 100 \$12.00
Many shades and markings.

VIOLA ODORATA - Sweet Violet

- *Prince of Wales** Three \$0.85, Doz. \$2.75, 100 \$18.00
Rich, deep purple. Gloriously sweet scented. The best of the single hardy sweet scented Violets. Does excellently in shade.
- *Rosina** Three \$1.20, Doz. \$3.50, 100 \$25.00
Producing not only in spring but again in late autumn, quantities of dainty, deliciously fragrant, pink or old rose flowers. Extremely useful for bordering or as a ground cover in half shade or full sun.
- *Double Russian** Three \$1.20, Doz. \$3.50, 100 \$25.00
Perfectly hardy anywhere, producing double, sweet scented flowers in abundance. A splendid variety for that troublesome shady place.

Viola Rosina



VINCA - Periwinkle or Trailing Myrtle

The Periwinkles are suitable to grow as edgings to shrubbery borders, carpet the ground under the shade of trees, or in shady borders with ferns, lilies and other bulbs.

Culture. Ordinary soil in positions named above. Plant in autumn or early spring, 4 to 6 inches apart. Additional beauty is obtained by the interplanting of daffodils, mertensia or plumbago larpentae. All these bulbs and plants do well planted under Vinca minor.

*Minor

A trailing evergreen plant, used extensively for carpeting the ground under shrubs or trees or on graves, where it is too shady for grass or other plants.

Doz.	100	1000
Field grown plants, 1 year old.....	\$1.25	\$7.00 \$60.00
Field grown plants, 2 years old.....	1.75	9.00 80.00
Heavy plants from 3-inch pots.....	2.00	11.00 95.00

*Minor alba

The rare white-flowered form of the variety listed above.

*Minor aurea variegata

The hardy golden variegated Vinca is a very attractive plant for the rockery or any shady place where a touch of color for the winter is required.

YUCCA - Adam's Needle

Stately perennials with stiff, evergreen, swordlike, sharply pointed leaves, produced in a cluster.

Culture. They require a sunny position. They will not thrive in peaty soils. Plant in early spring or fall, 3 feet apart.

*Filamentosa

Among the hardy plants there is nothing more effective and striking for isolated positions on the lawn. It is also indispensable for the large rockery. Its broad, swordlike, evergreen foliage and immense branching spikes of drooping, creamy white flowers, rising to a height of 5 feet, render it a bold and handsome subject wherever placed.

Three	Doz.	100
3-year-old flowering plants.....	\$1.20	\$3.50 \$25.00
4-year-old flowering plants.....	1.40	4.00 30.00



Yucca

**AMPELOPSIS - Ivy****Veitchi**

(Boston Ivy). The most popular climbing plant for covering brick walls, stone or wooden walls, trees, etc. When it becomes established it is of very rapid growth, and clings to the smoothest surface with the tenacity of Ivy.

	Each	Doz.
Strong, 3-year-old, field-grown plants	\$0.60	\$6.00
Big pot plants50	5.00

Lowi

Each \$0.75, Doz. \$7.50

A variation from the popular Boston or Japan Ivy, with much smaller foliage, which is deeply cut, giving it an elegance entirely distinct from the old type. Used for delicate effects.

Quinquefolia

Each \$0.40, Doz. \$4.00

(Virginia Creeper). This well known climber is one of the best for covering trees, trellises and old stumps. Its large, deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall. Used exclusively for bold effects.

BIGNONIA - Trumpet Vine

For covering unsightly places, stumps, rock work, old fences or wherever a showy naturalistic flowering vine is desired, the Bignonia will be found very useful. The flowers are large, attractive and borne profusely when the plant attains a fair size.

Radicans

Each \$0.40, Doz. \$4.00

Dark orange flowers all summer and fall; free blooming, very hardy vine.

CLEMATIS - Large Flowering

No other climbing plant equals in attractiveness the beautiful large-flowering Clematis. Their requirements are somewhat different from most other plants, and proper conditions must be given to secure satisfactory results.

Culture. The need a rich, deep, well drained soil; in fact, drainage should be perfect and the soil should be prepared at least 2 feet deep, using plenty of sharp sand and well rotted manure. The roots must be sent straight down, the whole plant must be deeply set, the crown, should be not less than 3 inches beneath the surface of the soil. Provide support and protect the runners produced the first year from frost with straw or small piece of burlap. No protection required after first winter.

Henryi

Each \$0.65, Doz. \$6.50

Lovely, large creamy white flowers in great quantities all summer.

Jackmani

Each \$0.65, Doz. \$6.50

The popular purple variety with large, purple-blue flowers; one of the loveliest vines we have.

Mme. Villard

Each \$0.65, Doz. \$6.50

Bright carmine blossoms in great quantities; looks very well on white background.

Ramona

Each \$0.65, Doz. \$6.50

Single, pale blue flowers completely cover this plant; it is a very lovely vine not used nearly enough.

Wisteria Multijuga



Clematis (Large Flowering)

Magnificent climber, covered with large blossoms in early summer. Grown on short sticks they are lovely subjects in the hardy border.

CLEMATIS - Virgin's Bower

Besides the large-flowered Clematis there are several varieties producing smaller blooms or in large panicles. All are very desirable and most useful. Flammula and Montana are of strong growth, but their flowers are not fragrant like those of the Paniculata which really is one of the loveliest sweet-scented vines we have.

Culture. All require a rich, light, well drained soil and should be grown in full sun. A support should be provided for them to climb on, it is well to tie the vines in their early growth; trim and remove dead vines early in spring. Plant in fall or early spring.

Coccinea

Each \$0.60, Doz. \$6.00

Grows 10 to 12 feet. A very handsome, hardy climber, bearing small, thick, bell-shaped flowers, of bright coral-red, in wonderful profusion, from June till frost.

Montana perfecta

Each \$0.60, Doz. \$6.00

(Anemone Clematis). A strong, vigorous, extremely hardy variety, thriving under most adverse conditions. Its large, white flowers expand in April and May; the best of our spring climbers.

Montana rubens

Each \$0.60, Doz. \$6.00

Flowers rosy pink, with beautiful green foliage, shaded bronze.

Paniculata

Each \$0.40, Doz. \$4.00

This hardy climber is one of the choicest and most satisfactory climbing, flowering plants. Of strong, rapid growth, with small, dense, cheerful green foliage and pure white, deliciously fragrant flowers, in great profusion in August and September, 2-year plants.

CELASTRUS - Bittersweet or Wax Work

One of our native climbing plants, of rapid growth, succeeding in almost any situation, sun or shade.

Scandens

Each \$0.60, Doz. \$6.00

Attractive light green foliage and yellow flowers in June, followed in autumn with bright orange fruits, which usually remain on the plant all winter.

EUONYMUS - Evergreen Bittersweet

The Euonymus are particularly desirable for their dense, evergreen foliage and extreme hardiness, some varieties on account of this taking the place of the English Ivy for wall covering, others that of the Boxwood as an edging plant, while Acuta is a splendid ground cover, and one of the best creepers for rockeries is Kewensis. All do well in sun or shade.

Radicans

Each \$0.50, Doz. \$5.00, 100 \$40.00

An excellent evergreen fine in either shade or sun. Its habit is a bushy growth. Foliage a dark shiny green and rather small. This vine may also be trimmed into a small evergreen hedge for formal beds or walk. 15 to 18 in. high, bushy plants.

Radicans variegata

Each \$0.50, Doz. \$5.00, 100 \$40.00

A beautiful small-leaved green and white variegated form of the same habit as the type. 15 to 18 in. high, heavy, bushy plants.

Radicans vegetus

Each \$0.80, Doz. \$8.00, 100 \$70.00

(Evergreen Bittersweet). A strong growing variety, with larger leaves than the type, and producing bright orange-red berries, which remain on the plant the great part of the winter. As an evergreen, absolutely hardy wall cover, this plant is unequalled. 15 to 18 in. high bushy plants.



Palyganum Auberti (Silver Lace Vine)

Most desirable where rapid growth is required. In late summer completely covered with thousands of silvery white blooms.

EUONYMUS - Miniature Evergreen Bittersweet

***Kewensis** Three \$1.40, Doz. \$4.00, 100 \$30.00
A variety with very small, dark green foliage. Everyone who has seen this appreciates its value as a rock plant. It grows close to the ground, and is a most valuable plant for a shady place in the garden where a delicate evergreen is needed. Fine ground cover under small trees.

ENGLISH IVY - Hedera

The famous English Ivy with its familiar evergreen, glossy foliage; requires winter protection in cold sections of the country where it is exposed to chilly winds on open walls. It can, however, be planted with perfect safety as a ground cover or as an edging to flower beds anywhere. *Gracilis* is perfectly hardy and we recommend its use on the north side and west side of buildings and walls or in shady places, or as a ground cover under trees in dense shade.

Helix Each \$0.60, Doz. \$5.00, 100 \$40.00
(English Ivy). A lovely vine as well as a splendid ground cover.

Helix gracilis Each \$0.60, Doz. \$5.00, 100 \$40.00
Identical in habit with the English Ivy, but with foliage not as large and more cut; a most graceful vine; perfectly hardy and a splendid evergreen vine on walls with north or west exposures, also an excellent ground cover. Strong plants, about 30 inches high.

LONICERA - Honeysuckle

Their climbing qualities are all that can be desired, but the fragrance of their flowers makes their strongest bid for favor. They are perhaps to the old-fashioned garden as a vine what the hollyhocks are as a plant. They simply should be there somewhere.

Halliana Each \$0.50, Doz. \$5.00
Color an intermingling of white and yellow. Fragrant; most satisfactory.

Sempervirens magnifica Each \$1.00, Doz. \$10.00
A magnificent new Honeysuckle with coral colored blooms of large size and beautiful blue-gray-green foliage. The brilliant and cheerful flowers freely produced; a worth while novelty.

TELLMANNIANA (New Honeysuckle, Golden Giant). A vigorous hardy climber with lovely, large, tubular blooms of an intense golden yellow tipped with bronzy red. Blooms profusely during June and is perfectly hardy. This magnificent rapid climbing variety originated in Germany and is not generally known in this country. It is a fine improvement over the other Honeysuckles. A splendid vine for sun or shade. Strong plants \$0.75 each; \$7.50 per doz.

POLYGONUM - Silver Lace Vine

One of the fastest growing vines offered; foliage perfectly clean, never bothered by insects or other pests. In fall a sea of foam-like white flowers.

Auberti Each \$0.75, Doz. \$7.50
A splendid hardy climber of strong, vigorous growth, attaining a height of 25 or more feet, producing in summer and fall great foamy sprays of white flowers, and a well balanced plant during its long period of flowering is a mass of bloom.

PUERARIA - Kudzu Vine

The most rapid growing vine in cultivation, often attaining a growth of 40 feet in a single season. Especially desirable for immediate effect for dense shade, as its leaves are large.

Thunbergi Each, \$0.40, Doz. \$4.00
(Jack-and-the-Beanstalk). Small, pea-shaped, rosy purple flowers, heart-shaped leaves. Will grow anywhere.

SCHIZOPHRAGMA HYDRANGEOIDES - Climbing Hydrangea

One of the finest and most artistic vines in existence and extremely rare. Foliage large and bold, it clings to walls or other support. Flowers in large, flat clusters, studded with large, flaky, sterile blooms which are very showy and fragrant.

Fine plants in pots.....Each \$1.50, Doz. \$15.00

WISTERIA

Woody vines with tightly clinging habit, for pergolas, arbors, trellises, etc., especially ornamental in early summer when they are resplendent with their large, drooping clusters of fragrant blossoms.

Sinensis Each \$1.50, Doz. \$15.00
(Chinese Wisteria). Bunches of pale lilac deliciously scented blossoms in great profusion all over the vine. Strong, grafted plants.

Sinensis alba Each \$1.50, Doz. \$15.00
A white-flowered form of the type. Strong, grafted plants.

Sinensis multijuga Each \$6.50
With deep lavender blossoms often 18 to 24 inches long. Specimen plants.

TREE WISTERIA

No more lovely sight can be imagined than a Tree Wisteria in bloom. The purplish-blue flowers are produced by the hundreds and completely cover the tree during May transforming it into a sheer beauty. In formal gardens Tree Wisterias are indispensable. On the lawn they develop into beautiful specimens and live for generations increasing in beauty and dignity each successive season. The plants we offer are grown on stems about 4 feet high and the crowns are about 2½ to 3 feet in diameter. Every plant is guaranteed to bloom.

Blue Tree Wisteria The most popular color. Each \$5.50
White Tree Wisteria Silvery white blooms. Each \$6.75

Lonicera Tellmanniana





Hybrid Tea Roses

We offer only Northern Ohio grown Roses, recognized nationally as the finest quality Roses produced in America.

ALL ROSES OFFERED ARE 2-YEAR-OLD SELECTED NO. 1 GRADE, WHICH IS THE FINEST QUALITY AVAILABLE.

Under this heading we offer only the very choicest and most popular varieties of Tea Roses, with the majority of which every lover of the Rose is familiar. We recommend this collection for general planting to the ama-

teur who wishes the finest varieties, and who is desirous of a supply of extra choice flowers to cut throughout the season. There is not one individual sort which we cannot endorse as possessing superior merit.

Core and Culture of Roses. Lack of space prevents giving complete or worth while cultural information in this catalog. A fully illustrated booklet has therefore been prepared to cover this subject properly and will be sent to you upon receipt of twenty-five cents.

Ami Quinord Each \$0.75, Doz. \$7.50
Blockish crimson buds; semi-double flowers of maroon-red. Toll, vigorous grower. 15 petals.

Autumn Each \$0.75, Doz. \$7.50
Burnt orange, streaked and marked with red. Bud of medium size, developing into a cupped, double, fragrant flower.

Betty Uprichard Each \$0.75, Doz. \$7.50
One of those delightfully contrastive types; the outside a blend of deep toned carmine with coppery orange; the interior being mostly a delicate salmon-pink.

Briarcliff Each \$0.75, Doz. \$7.50
Large, pointed buds and double, high-centered blooms of brilliant rose-pink; fragrant and long lasting.

Caledonia Each \$0.80, Doz. \$8.00
The most desirable white; exceptionally long-pointed bud opening to a very double, high-centered, long-lasting, very large, moderately fragrant flower. Continuous free bloomer.

Caroline Testout Each \$0.75, Doz. \$7.50
One of the most popular and valuable bedding varieties; large, full globular flowers of bright satiny rose, with brighter center, very free and fragrant.

Charles K. Douglas Each \$0.75, Doz. \$7.50
Of vigorous, upright growth, and liberal, fragrant bloom which is of delightful form. Color a flaming scarlet flushed with velvety crimson.

Charles P. Kilham Each \$0.80, Doz. \$8.00
A brilliant, distinct and striking novelty which will appeal to and please every Rose lover. The buds are long pointed, of perfect shape, opening to high centered, perfectly formed, full double flowers of a rich and brilliant Oriental red, flushed with orange and glowing scarlet. A vigorous grower; very free flowering and sweetly tea-scented.

Claudius Pernet Each \$0.75, Doz. \$7.50
A most vigorous grower of erect branching habit, beautiful brilliant green foliage, long pointed buds of exquisite shape, carried on long, stiff stems. Very large, full flowers with elongated deep petals; a beautifully formed bloom. Color most striking sunflower-yellow.

Columbia Each \$0.75, Doz. \$7.50
This beautiful Rose is of strong, vigorous habit and exceptionally free blooming. Color a most pleasing shade of rose-pink and delightfully fragrant.

Cuba Each \$0.80, Doz. \$8.00
Vivid orange-scarlet buds opening to immense, cuplike flowers of iridescent copper-red and brilliant orange-vermilion. Extremely free-flowering and a vigorous, erect grower.

Dainty Bess Each \$0.80, Doz. \$8.00
An appropriate name for a daintily colored single Rose of perfect form; a delicate shade of shell-pink with a conspicuous bunch of crimson stamens. A greatly admired, long-lasting, single flower.

Dome Edith Helen Each \$0.75, Doz. \$7.50
Shapely buds and substantial, high-centered blooms of clear pink, sweetly scented and freely produced on long, strong stems. Vigorous. Most remarkable for the number and beautiful arrangement of its petals.

Duchess of Wellington Each \$0.75, Doz. \$7.50
Intense saffron-yellow, stained with deep crimson, changing to a deep coppery saffron-yellow as the flowers are fairly full, with large petals, great substance, delightfully fragrant.

E. G. Hill Each \$0.80, Doz. \$8.00
Beautiful long bud of perfect form and full double, high-centered flower of dazzling scarlet, shading to a deeper red as it develops. Strong, vigorous free-flowering habit.

Edel Each \$0.80, Doz. \$8.00
An enormous bold, stately, well built flower of great quality and finish. Color white with faintest ivory shading towards the base, passing to a pure white. A fine grower with uniform, stout habit.

Edith Nellie Perkins Each \$0.80, Doz. \$8.00
A Rose of outstanding merit, vigorous growth and free flowering. Long, pointed bud; flower of good size, long lasting and fragrant, double; outside of petals orient-red shaded cerise-orange; inside salmon-pink.

Eldorado Each \$0.75, Doz. \$7.50
In this we have an exact counterpart of Miss Lolita Armour, in the large sized flowers of distinct formation, vigorous growth and free-flowering habit and fragrance, but in color it is of the golden yellow that is peculiar to the climbing Rose Marechal Niel, with the base of the petals slightly tinted red.

Elizabeth of York Each \$0.80, Doz. \$8.00
Pointed buds and medium size, semi-double flowers of bright cerise-pink, borne singly on long stems. A profuse, continuous bloomer. The flower is very beautiful when half open.

Etoile de Hollande Each \$0.80, Doz. \$8.00
Brilliant red blooms of magnificent size, perfect in half-open state, showing clean, attractive centers when fully open; petals enormous; very fragrant. Free flowering.

Feu Joseph Looymans Each \$0.80, Doz. \$8.00
Long, pointed buds of brilliant orange-buff, and large, fairly full flowers of vivid yellow and bright apricot; fragrant and freely produced.

Golden Down Each \$0.80, Doz. \$8.00
The ideal yellow garden Rose. The ovoid, lemon-yellow bud, heavily splashed with crimson, develops into a well formed, sweetly scented, large, double sunflower-yellow flower that reminds of the old favorite Marechal Niel. Vigorous, free flowering.

Gruss an Teplitz Each \$0.75, Doz. \$7.50
This is a Rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet, shading to a velvety crimson; very fragrant; a free, strong grower and in bloom all the time.

Hinrich Gaede Each \$1.00, Doz. \$10.00
Long pointed shapely bud of Nasturtium-red color, large, double, high centered flowers of ideal shape of a color unusual and unlike any Rose in commerce—a rich luminous vermilion shaded golden yellow such as is found in high-colored modern Zinnias. Rich, fruity fragrance. A free and continuous bloomer.

Hilda Each \$0.75, Doz. \$7.50
Ovoid buds, opening to large, double flowers with overlapping petals, salmon-pink on the inner surface and deep orange-carmine on the outside. 60 petals.

Imperial Potentate Each \$0.75, Doz. \$7.50
Dark, shining rose-pink, shaded lighter on reverse of petals; fragrant. Erect, branching plant with very good foliage. Blooms with remarkable freedom.

Independence Day Each \$0.75, Doz. \$7.50
Flaming yellow buds, heavily shaded with copper and brown, opening quickly to moderately large flowers of 15 to 20 petals which rapidly fade to light orange-pink.

Innocence Each \$0.80, Doz. \$8.00
Tapering buds, opening to enormous pure white blooms with a center of wine-red stamens tipped with golden anthers. 12 petals.

Joonno Hill Each \$0.80, Doz. \$8.00
Invaluable for the garden. The buds are large, long pointed and open to large, full, semi-double, attractive, long lasting, moderately fragrant flowers of a clear yellow with orange-yellow heart. They are borne singly on long strong stems; growth vigorous, upright, a profuse bloomer.

Jonkheer J. L. Mock Each \$0.75, Doz. \$7.50
The flowers, which are produced with the greatest freedom on long, stiff stems, are of large size and of perfect form, of a deep imperial pink, the outside of the petals silvery rose-white.

Koiserin Augusto Victoria Each \$0.75, Doz. \$7.50
Soft pearly white, tinted with just enough lemon in the center to relieve the white; remarkably fragrant, beautifully formed flowers on long, graceful stems; a strong, free, healthy grower.

Killarney Queen Each \$0.75, Doz. \$7.50
Another Killarney, closer to the original in color but fuller, and stronger in growth. Very free flowering. It is practically immune to mildew, with large flowers and thick petals.

Killarney White Each \$0.75, Doz. \$7.50
A duplicate of the charming pink Killarney; flowers white as snow.

Lady Alice Stanley Each \$0.75, Doz. \$7.50
A gem that everyone admires; it is absolutely perfect in every way; form, color, size, freedom of bloom and fragrance are fully developed; in color it is a beautiful shade of coral-rose, the inside of the petals shading to flesh-pink with deeper flushes.

Lady Ashtown Each \$0.75, Doz. \$7.50
A very free-flowering variety, producing fine blooms throughout the season. Flowers large and of a delicate soft rose color, shading to yellow at base.

Lady Forteviot Each \$0.80, Doz. \$8.00
Long stems each bearing several large, double, high centered, lasting blooms of a beautiful golden yellow changing to deep apricot, and flushed with cardinal-red. Extremely fragrant, free growing, and floriferous.



Dame Edith Helen



E. Nellie Perkins



Rosa Rouletti

A charming midget especially well suited for edging
rose beds or walks. See page 58.



Etaile de Hallande



Madame Butterfly



Autumn



Mrs. Erskine Pembroke Thom



Columbia



Rev. F. Page-Roberts



Imperial Potentate



Mev. Van Rossem



Betty Uprichard



E. G. Hill



Mrs. Henry Morse



- Lady Hillingdon** Each \$0.75, Doz. \$7.50
A beautiful coppery shade of apricot-yellow, beautiful in bud; a strong, vigorous grower; free flowering.
- Lady Margaret Stewart** Each \$0.75, Doz. \$7.50
It is of perfect form, with a high-pointed center, golden yellow shaded and streaked with orange and red. Especially handsome foliage.
- Lady Ursula** Each \$0.75, Doz. \$7.50
Well shaped buds and blooms of good substance in varying shades of light pink, merging to a yellow base; slightly fragrant. Plant of tremendous growth.
- Los Angeles** Each \$0.75, Doz. \$7.50
Very vigorous, and produces a continuous succession of long-stemmed flowers of a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals.
- Lucie Morie** Each \$0.75, Doz. \$7.50
Large, ovoid buds, deep yellow splashed rosy red. As the outer petals unfold, the inner face is yellow with coppery venation with the petals lightly tipped with pink, slightly fragrant. It is of strong, vigorous, healthy habit of growth with dark leathery foliage.
- Madome Butterfly** Each \$0.75, Doz. \$7.50
A symphony of white, bright pink, apricot and gold. Compared with Ophelia, this derivation is fuller-petalled, more prolific and of greater color appeal. The buds are a rich Indian red, yellow at base.
- Margaret McGredy** Each \$0.80, Doz. \$8.00
Large, ovoid buds and double, cupped flowers of solid orange-vermilion. Very prolific. This extraordinary Rose has been widely discussed and tested in this country and found good.
- McGredy's Scarlet** Each \$0.80, Doz. \$8.00
The fragrant, full double flowers are of a good size. They are brilliant scarlet, orange-yellow at base of petals, the upper portions being lightly touched with crimson, varying some in color under changing weather conditions but always beautiful.
- Mevrouw G. A. Van Rossem** Each \$0.75, Doz. \$7.50
A most striking blending of dark vivid orange and apricot on a golden yellow ground, frequently with touches of bronze on the reverse of the petals. The sweet-scented flowers are very large, of perfect form both in bud as well as in the fully developed flower.
- Miss Lolita Armour** Each \$0.75, Doz. \$7.50
The flowers are of great substance and delightfully fragrant. As the flowers expand they develop to a deep coral-red, with a golden, coppery red suffusion, the base of the petals a rich golden yellow with coppery red sheen. A strong, vigorous grower.
- Miss Rowena Thom** Each \$0.80, Doz. \$8.00
Enormous buds and blooms of fiery rose and mauve, shaded with old gold at the center, borne on long, strong stems. A profuse, continuous bloomer and a very vigorous plant.
- Mme. Edouard Herriot** Each \$0.75, Doz. \$7.50
The Daily Mail Rose. In color its buds are coral-red, shaded with yellow at the base; the open flowers of medium size, semi-double, of a superb coral-red, shaded with yellow and bright rosy scarlet passing to shrimp-red.
- Mme. Jules Bouche** Each \$0.75, Doz. \$7.50
While not a pure white, it is to all intents white and without question the best white everblooming bedding Rose yet introduced. The flowers are large, quite double and of splendid form. It is fragrant, a vigorous grower and very free flowering.
- Mme. Leon Pain** Each \$0.80, Doz. \$8.00
Splendid salmon buds and pink blooms of great size, tinted heavily with silvery flesh and orange at the center. Plant is vigorous, free flowering, and almost immune to disease.
- Mme. Nicolas Ausseil** Each \$0.80, Doz. \$8.00
Was voted an award of a Gold Medal as "The Most Beautiful Rose in France" in a French contest held Sept. 15, 1931. An outstanding introduction of the late Mr. Pernet-Ducher. A bright coppery red in the very long, shapely, tapering bud that develops into a large, fragrant, full double flower of an exquisite opalescent salmon-pink. Vigorous and healthy, free and floriferous.
- Mrs. Charles Bell** Each \$0.75, Doz. \$7.50
Lovely shell-pink buds and blooms of fine, globular form, with shadings of soft salmon; sweetly perfumed.
- Mrs. Erskine Pembroke Tham** Each \$0.75, Doz. \$7.50
Slender yellow buds and large, well shaped blooms of bright canary-yellow, deepest in center. Blooms very freely.
- Mrs. Henry Bowles** Each \$0.80, Doz. \$8.00
Ovoid buds and globular flowers of clear, piercing pink with lighter shades. A fine, firm center, well held, and fragrant. Vigorous and free flowering.
- Mrs. Henry Morse** Each \$0.75, Doz. \$7.50
A bright flower of two contrasting tones of pink, with an underlying yellow glow; double, high centered; large, moderately fragrant.
- Mrs. Lovell Swisher** Each \$0.75, Doz. \$7.50
Large, beautifully pointed buds and gorgeous flowers of salmon-pink and gold, passing to flesh-pink at the edges. Very impressive.

- Mrs. Pierre S. du Pont** Each \$0.80, Doz. \$8.00
Medium sized long-pointed bud of a reddish gold opening to a semi-double, cupped, very lasting fragrant flower of a deep golden yellow. The plant is of strong, vigorous, compact growth. A profuse and continuous bloomer.
- Mrs. Som McGredy** Each \$0.75, Doz. \$7.50
Scarlet coppery orange, heavily flushed with Lincoln-red on the outside of the petals, and these colors together give a rich and almost dazzling effect. The flowers are of large size and beautiful form. They are very freely produced and delicately perfumed. The plant has a vigorous and exceptionally free habit.
- Olympiod** Each \$0.80, Doz. \$8.00
This is a brilliant new red Rose. The color of Olympiod is unique, a lustrous, dark oriental scarlet, its depth of color accentuated by the golden base and intensified by a rich velvety sheen. The bud is long and pointed and the flowers magnificent in every stage of development.
- Ophelia** Each \$0.75, Doz. \$7.50
A Rose that is admired by everyone; its flowers are held erect on long stiff stems, are of perfect form, good size and of a most pleasing, delicate tint of salmon-flesh, shaded with rose; very floriferous.
- President Herbert Hoover** Each \$0.75, Doz. \$7.50
Large flowers of a very charming combination of cerise-pink, flame, scarlet, and yellow, with broad, thick petals; very fragrant. The clean, handsome foliage is an added attraction. The brilliancy of the color is somewhat dimmed by hot weather, but the cool autumn nights develop tones and tints of almost unbelievable richness. A great improvement over Talisman.
- Radiance** Each \$0.75, Doz. \$7.50
An ideal bedding Rose that continues to produce its large flowers throughout the most unfavorable hot weather when frequently many other varieties fail. A brilliant carmine-pink, with salmon-pink and yellow shadings at base of the petals.
- Red Radiance** Each \$0.75, Doz. \$7.50
A counterpart of Radiance from which it is a "sport", possessing all the good traits of that valuable variety but differing in color, which is a bright cerise-red.
- Rev. F. Page-Roberts** Each \$0.80, Doz. \$8.00
Copper-red buds of great length, opening to golden yellow blooms stained outside with red, fully double and very large; fragrant.
- Schwobenland** Each \$0.75, Doz. \$7.50
There are many pink Roses but none just like this variety either in color or in the splendid formation of its blooms. The flowers are large; over 5 inches in diameter, with high spiral center, the petals having a peculiar twist or curl. In color it is a luminous rich rose-pink, retaining its brightness until the petals drop. A strong, healthy grower; free flowering.
- Sensation** Each \$0.75, Doz. \$7.50
Scarlet-crimson blooms of fine deep form; double, 30 to 35 petals of great size and substance; very sweetly scented. Plant is strong and active in sending up new blooming shoots. However, Etoile de Hollande is great improvement over this fine Rose.
- *Sœur Therese (Sister Therese)** Each \$1.00, Doz. \$10.00
Yellow. Long-pointed buds are chrome-yellow, heavily marked with carmine; the open flower is rich daffodil-yellow and holds its color well. Sweet-brier fragrance. The blooms come freely on splendid cutting stems. You can always recognize this Rose from its habit of forming sturdy 3-foot, upright canes which are topped by a "lighted" candleabra of 5 or more burning yellow blooms. Surely one of the best of the newer Roses. 20 to 35 petals. Silver-Gilt Medal, Valenciennes, 1930; Certificate, Contest for Most Beautiful Rose of France, Lyon, 1932; Silver Medal, Portland, 1932.
- Souvenir de Georges Pernet** Each \$0.80, Doz. \$8.00
Brick-red buds, opening to orange-pink blooms of immense size, very double, and deliciously fragrant. An unusually beautiful Rose.
- Syracuse** Each \$0.80, Doz. \$8.00
Flower large, full, scarlet-crimson, borne singly on long stem. Growth vigorous, upright. 106 petals.
- Talisman** Each \$0.75, Doz. \$7.50
Brilliant red and gold buds, opening to well shaped blooms of scarlet-orange and rich yellow. Constantly in bloom; the most vivid color yet produced in Roses.
- Ville de Paris** Each \$0.80, Doz. \$8.00
Round buds of clear yellow and big, globular flowers of the same hue, untouched by any other color. This is one of the really distinct breaks in the new yellow Roses.
- Vaterland** Each \$0.75, Doz. \$7.50
The most distinct dark colored variety yet introduced. A rich deep velvety scarlet and a splendidly formed high centered flower of remarkable keeping qualities. The plant is of vigorous habit with healthy foliage and free flowering; unquestionably the best of this type.
- Wilhelm Kordes** Each \$0.75, Doz. \$7.50
Long, pointed buds opening to full double flowers, a rich capucine red overlaying a golden ground; wonderfully prolific.
- Willowmere** Each \$0.75, Doz. \$7.50
Superb buds and blooms of richest pink, shining with a yellow glow which seems to come from the heart of the flower.



PATENTED ROSES

The Roses offered under this heading have been patented by the originators. This prevents us from growing these Roses in our own nursery under our supervision.

While we will exercise the best of care in the shipping and handling of these plants, we will not assume any further responsibility than to see that good plants carefully packed are sent to you.

All claims and descriptions given are those made by the originators for which we must not be held responsible, nor do we undertake to make replacements if the plants do not grow.

Countess Vondal Each \$1.00, Doz. \$10.00
Long pointed, orange-copper buds. The flowers are large, double, high centered, and have a rich fragrance. Their color is brilliant pink lightened with salmon. The blooms are borne on long stems.

Crimson Glory Each \$1.50, Doz. \$15.00
U. S. Plant Patent No. 105. The plants branch freely producing a well-spread yet compact bush of good symmetry. Following the large, urn-shaped buds are the well-formed flowers of an intense deep vivid crimson shaded oxblood-red and mellowed by a soft velvet nap.

Feu Pernet-Ducher Each \$1.50, Doz. \$15.00
U. S. Plant Patent No. 103. An exceptional Rose with creamy orange buds heavily marked with carmine, slowly opening into very deep yellow blooms with lighter edges which are flushed with pink. A most lovely Rose with a rich fruity fragrance. Of tall, bushy growth and exceptionally free flowering.

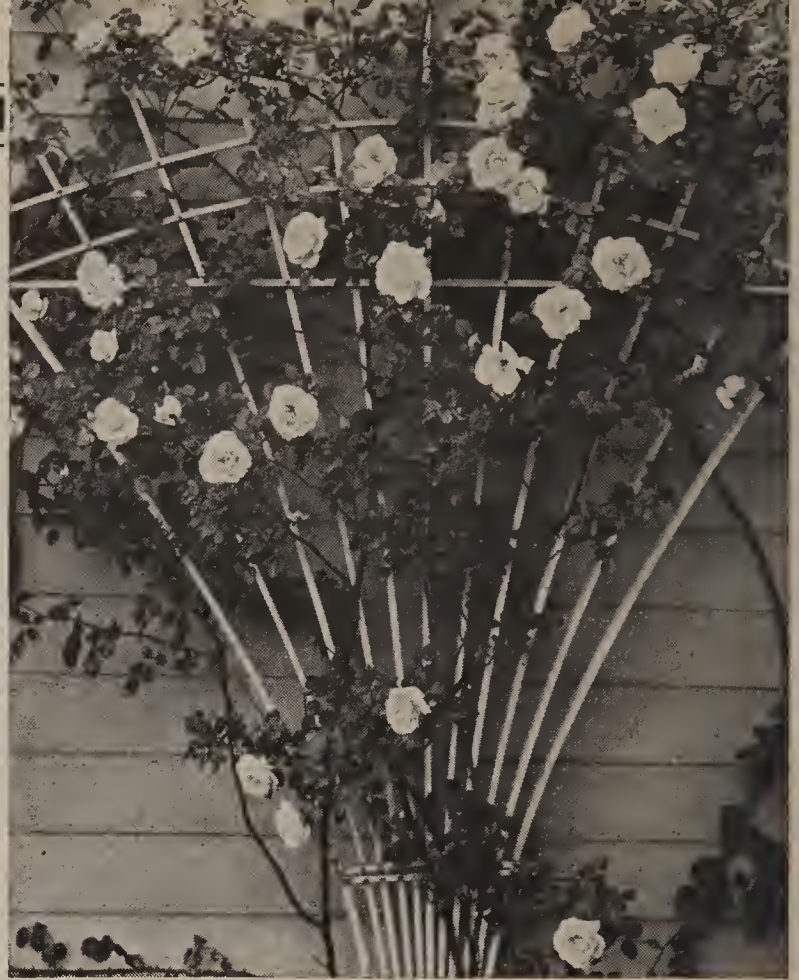
Glowing Sunset Each \$1.50, Doz. \$15.00
U. S. Plant Patent No. 104. The long pointed buds open to full double flowers of most artistic form with the inner petals lengthened and twisted in the bizarre manner of a choice Cactus Dahlia. The color is an indescribable combination of orange-yellow and rose-pink presenting a unique and extremely pleasing color effect. They have an alluring fragrance that will endear them to everybody.

Mrs. J. D. Eisele Each \$1.50, Doz. \$15.00
A perfect Rose in form, delightfully perfumed, exceptional keeping qualities. Good grower and free bloomer. The color is a rich cherry-rose overlaid with scarlet glow, faint silver edging on petals.

Nigrette Each \$2.00, Doz. \$20.00
(The Black Rose of Sangerhausen). U. S. Plant Patent No. 87. When first shown in the famous Rose garden of Sangerhausen, Germany, newspapers throughout the world pronounced it as the first black Rose. The first flowers in June, and during the hot summer months are of a bright crimson. In the cool fall months the buds are black, opening to deep maroon resembling black velvet. The flowers are of medium size, produced freely and are slightly fragrant. As a novelty the Rose will prove very interesting.

Rosa Rouletti Three \$1.40, Doz. \$4.00, 100 \$30.00
Miniature Rose. Probably one of the old Lawrenceana Roses popular a century or more ago. After being lost to cultivation for many years, a plant was found growing in an Alpine window-garden by M. Correvo, the Swiss rock garden authority just a few years ago. It is rapidly attaining popularity as a rock garden "gem" and as an edging plant in front of Rose beds. The plant grows about 6 inches tall in bushy form, is healthy and hardy and blooms from early summer until frost. The tiny, rose-pink, quite double flowers are less than an inch in diameter. A real treasure.

Rosa Rouletti



New Dawn

CLIMBING ROSES

Climbing Roses require no pruning in the spring beyond the cutting out of very old or dead wood, and the shortening of the laterals and long canes to make the growth conform to the space to be covered; but a severe pruning in July, directly after they have finished flowering, is beneficial. Cutting away at that time all old flowering wood will encourage a vigorous growth, which will give an abundance of flowers the following season.

We offer on this and the next page a selection of twelve of the most modern Hardy Climbing and Rambler Roses.

American Pillar Each \$0.70, Doz. \$7.00
A single-flowering variety of great beauty. The flowers are of large size, 3 to 4 inches across, of a lovely shade of pink, with a clear white eye and clusters of yellow stamens, and are borne in immense bunches, and a large plant in full bloom is a sight not easily forgotten.

Bess Lovett Each \$0.70, Doz. \$7.00
Large, fairly full flowers of light crimson-red, cup-shaped, and borne in long-stemmed clusters suitable for cutting; sweetly fragrant. Plant very strong, exceedingly free flowering, with fine, glossy foliage almost immune to disease.

Chopin's Pink Climber Each \$0.80, Doz. \$8.00
It is a cross between Paul's Scarlet and American Pillar, and like its parents is of vigorous growth, perfectly hardy, producing its large flowers, similar in size and form to Paul's Scarlet, profusely in strong trusses of from 8 to 12 flowers each, but in color a rich lively pink.

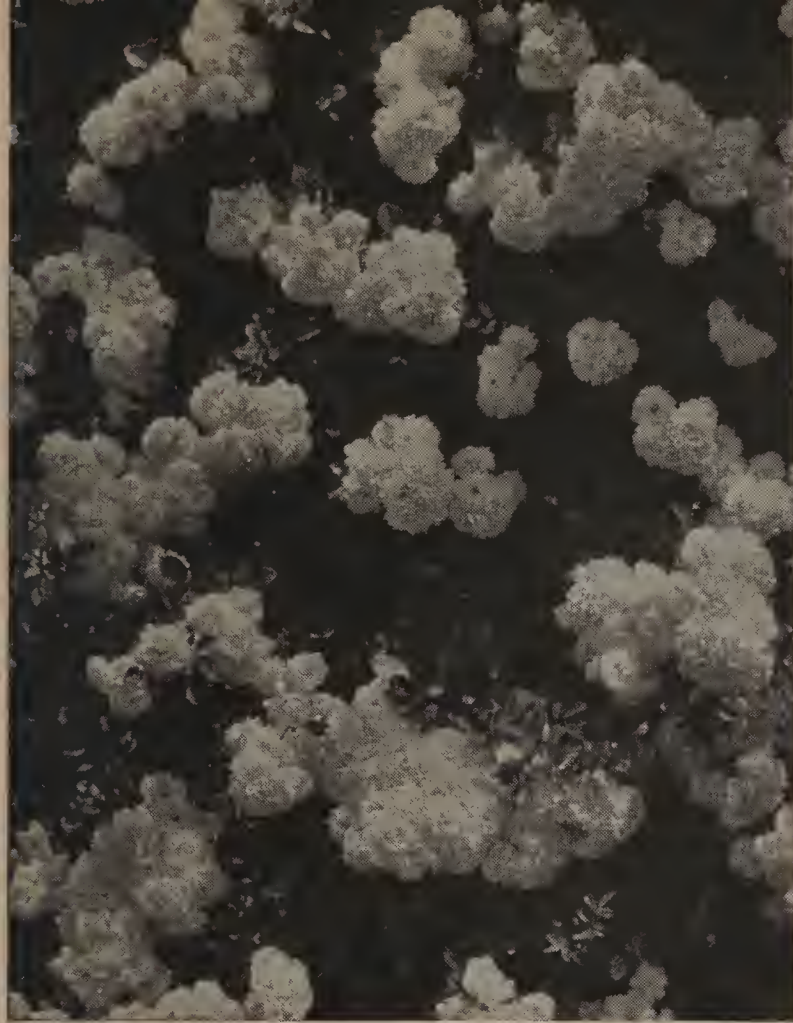
Climbing American Beauty Each \$0.70, Doz. \$7.00
A strong, healthy vigorous grower, frequently making shoots from 10 to 12 feet long, and good sized flowers for a climbing Rose that blooms so freely. Color a pleasing rose-pink; of splendid form, good substance.

Dorothy Perkins Each \$0.70, Doz. \$7.00
Soft shell-pink; flowering profusely in large clusters. Very fragrant and lasting. A grand Rose in every way.

Dr. W. Van Fleet Each \$0.70, Doz. \$7.00
A Rose which, on account of its dainty color and exquisitely shaped buds and flowers, appeals to everyone. The long, pointed buds are of a rich flesh-pink on stems 12 to 18 inches long. Splendid for cutting.

Flower of Fairfield Each \$0.70, Doz. \$7.00
Also called the "Everblooming Crimson Rambler." Combines the beauty of the well known Crimson Rambler with the continuous-blooming habit, the new growth bearing large clusters of crimson blooms through the summer continuously.

Jacotte Each \$0.80, Doz. \$8.00
Destined to find a place among the most popular when its merits and distinct coloring become better known. A deep orangy yellow, tinted coppery red. Good sized, semi-double, very lasting flowers with moderate fragrance. Borne several together on a long stem. Blooms in May and June.



Dorothy Perkins

- Mary Wallace** Each \$0.70, Doz. \$7.00
A Pillar Rose, making a fine, strong, self-supporting plant 6 to 8 feet high, with large, glossy foliage, blooming with great freedom in spring and bearing a large number of fine buds in summer and fall. Flowers very large, generally exceeding 4 inches across; well formed, semi-double, of a bright, clear rose-pink with salmon base.
- Mme. Gregoire Staechelin** Each \$0.80, Doz. \$8.00
The plant is of strong climbing habit, growing 12 feet or more high and has large disease resistant foliage. At the tips, the long pointed buds are crimson at first as the petals divide, then the firm outer petals show splashes of carmine as the flower opens with an iridescent pearl-pink inside. Very fragrant.
- Paul's Scarlet Climber** Each \$0.70, Doz. \$7.00
Flowers are semi-double, very freely produced in clusters of from 3 to 20 flowers each on much branched canes. It is of strong climbing habit and perfectly hardy. One of the most popular climbing Roses.
- Silver Moon** Each \$0.70, Doz. \$7.00
Beautiful semi-double flowers, 4½ inches and over in diameter; pure white in color, petals of great substance, beautifully cupped, forming a Clematis-like flower. The large bunch of yellow stamens in the center adds to its attractiveness.
- Star of Persia** Each \$0.70, Doz. \$7.00
Semi-double, bright yellow, and about 3 inches across. It makes a striking low climber or pillar Rose from 8 to 10 feet high, bursting into showers of sparkling bloom in June. It does not fade and the flowers last several weeks.
- White Dorothy Perkins** Each \$0.70, Doz. \$7.00
A pure white climber, identical with Dorothy Perkins except the color. Without doubt the best white climber.

PATENTED CLIMBING ROSES

- Bloze** Each \$1.50, Doz. \$15.00
Hardy everblooming Climbing Rose which inherits the blazing color of Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz, thus combining the most attractive features of both its parents. It is a very vigorous climbing variety which will grow to considerable height.
- Easlea's Golden Rambler** Each \$2.00, Doz. \$20.00
U. S. Plant Patent No. 114. A new outstanding Climbing Rose from England, producing its comparatively large, double rich golden flowers in large trusses. An additional quality is a delicious fragrance. Gold Medal Royal Horticultural Society, July 1932. Awarded the Cory cup as the best new seedling climber or rambler Rose of British origin introduced in 1932.
- Daublaans** Each \$1.50, Doz. \$15.00
Set. H. (M. H. Horvath 1934). Patent applied for. A vigorous climber with heavy wood and handsome glossy foliage. When in bloom the whole plant is literally covered with clusters of large golden blooms. Buds ovoid, deep saffron-yellow, flower large, double cupped; rich gold, fading but little, fragrant. Gives two liberal crops six weeks apart if the first spring blooms have not been cut. We consider this the best hardy yellow climber.
- New Dawn** Each \$1.50, Doz. \$15.00
(Everblooming Dr. W. Van Fleet.) Identical in every way with its parent in size and formation of its flowers, color, etc., but blooms continuously throughout the summer and fall.

POLYANTHA ROSES

A type of Roses which is deservedly very popular for bedding purposes. They form shapely, compact, bushy specimens, most of them growing about 8 inches high, producing in great profusion from early in the season, without stopping, until severe frost, trusses of small flowers. Pruning is not necessary; simply remove the past season's flower stems.

- Cecile Brunner** Each \$0.90, Doz. \$9.00
Small, exquisitely formed buds and flowers of light pink with yellow base in diffuse, graceful clusters. Perfectly formed miniature Roses of utmost grace and delicacy. Also called "Sweetheart Rose" and "Mignon Rose."
- Chatillon Rose** Each \$0.75, Doz. \$7.50
Bright pink semi-double blooms with an illuminating touch of orange. The color lasts well. The trusses are of gigantic size, and the plant is both healthy and hardy.
- Eblouissant** Each \$0.75, Doz. \$7.50
Glowing, dark red flowers of medium size, shaded heavily with velvety crimson. Large, compact trusses, borne on dwarf but robust plants, which bloom constantly.
- Gloria Mundi; Improved Golden Solman** Each \$0.75, Doz. \$7.50
Bright orange-salmon flowers in huge clusters. Growth is vigorous and bushy. Splendid when planted in masses.
- Lafayette** Each \$0.75, Doz. \$7.50
Large, semi-double flowers of striking light crimson; open, frilled form. Blooms very liberally in loose clusters.
- Princess Juliana** Each \$0.75, Doz. \$7.50
A dainty, sweet combination of maidenblush and peach and ivory. The florets are prettily waved, and strung along the branched sprays.

HYBRID PERPETUAL ROSES

The varieties listed below are unquestionably the best that can be selected in the Hybrid Perpetual class, which, before the development of the Hybrid Teas, was the most popular type for garden planting, and even now they dare not be overlooked, but should be used extensively in conjunction with the other sorts, and especially so in localities where the hardiness of the Hybrid Tea varieties has not been established.

- Frau Karl Druschki** Each \$0.75, Doz. \$7.50
This is the ideal hardy white Rose; pure in color, perfect in form, strong grower and remarkably free flowering; superb in every way.
- George Arends or Pink Frau Karl Druschki** Each \$0.75, Doz. \$7.50
This is a pink form of the popular white Frau Karl Druschki, possessing not only the exquisite form, large size, and remarkable free-flowering habits of its parent, but in addition to this, it is also highly perfumed.
- Mme. Albert Barbier** Each \$0.75, Doz. \$7.50
Full, cupped flower of soft fawn-yellow, paling to white, with pinkish shades in the center, blooming throughout the season. A remarkable color for a Hybrid Perpetual, a class in which yellow tints are rare. This Rose has shewed up unusually well in color, shape of flower and its habit of constant blooming.
- Mrs. John Laing** Each \$0.75, Doz. \$7.50
Soft pink, of beautiful form; exceedingly fragrant and remarkably free flowering; always does well and stands very close to the top among Roses.
- Paul Neyron** Each \$0.75, Doz. \$7.50
Dark red of enormous size; perhaps the largest of all.
- Ulrich Brunner** Each \$0.75, Doz. \$7.50
Brilliant scarlet-crimson; an old favorite and one of the best known Roses in cultivation; does well everywhere.

Mixed Polyantha Roses





NYMPHAEA (Water Lilies)

Water Lilies and Lotus

Their modest requirements are sun, water and rich soil. Almost everybody can have built or can themselves construct an artificial pool. Any location that is available would be satisfactory, provided it is exposed to the full sun. Rather than have a water garden at all, the interested party can grow many of the varieties in tubs or half-barrels sunk in the ground.

Soil. An excellent soil for use in tubs or artificial pools is made by mixing three parts of rotted sod, compost, or good top soil with one part of cow manure or good barnyard manure. All manure used must be thoroughly decomposed, to prevent fermentation when covered with water. Ground bone or bone meal may be used if necessary, at the rate of one quart to one bushel of soil.

Size of Pool. The larger the water surface the better the results. A tub or half-barrel 2 feet in diameter will furnish a miniature pool. An artificial pool should be made as large as possible, and 2 feet deep.

Water. One foot of water over the soil is the most desirable depth in artificial pools. Some will thrive in shallower water, but few will stand a depth exceeding two feet. After the pool is once filled it is only necessary to replenish that which evaporates. Do not attempt planting until warm weather has come to stay.

HARDY VARIETIES

Gloriosa Each \$2.50

This can well be called the most satisfactory Waterlily. It is the earliest to bloom and continues to flower until late summer, producing more blossoms than any other sort. In the spring the flower is a bright corolla which becomes darker as the season lengthens. The blooms are perfect in form and 4 to 6 inches across.

Marliacea alba Each \$1.25

A vigorous variety, flowers large, of sparkling whiteness; stamens light yellow, sepals flushed pink; fragrant and produced freely and continuously through the season. Desirable and handsome.

Marliacea chromatella Each \$1.50

Medium sized flowers usually 4 to 6 inches across. Color of the bloom is bright yellow, with stamens somewhat deeper in color. The leaves are green, mottled with brown.

Odorata Each \$0.75

The American Waterlily of the northeastern United States. Flowers white. Splendidly adapted to quantity planting in natural pools.

Paul Hariot Each \$2.00

The blooms are quite large, of lasting quality, and are borne in abundance all season. The petals are clear yellow the first day, orange-pink the second day, and this deepens almost to a red on the following days. Flowers of different ages present on appearance quite unique and decidedly attractive.

Pink Opal Each \$1.50

A new variety. The color is a deep pink. The buds are almost round, opening into a flower with comparatively short petals, but because of its substance it has a distinct value for cutting.

Rose Arey Each \$1.75

A wonderful variety of the Odorata type; very free flowering, and strong growing. The flowers are very large, and are sweetly scented. The color is clear cerise-pink and does not lighten toward the center of the flower.

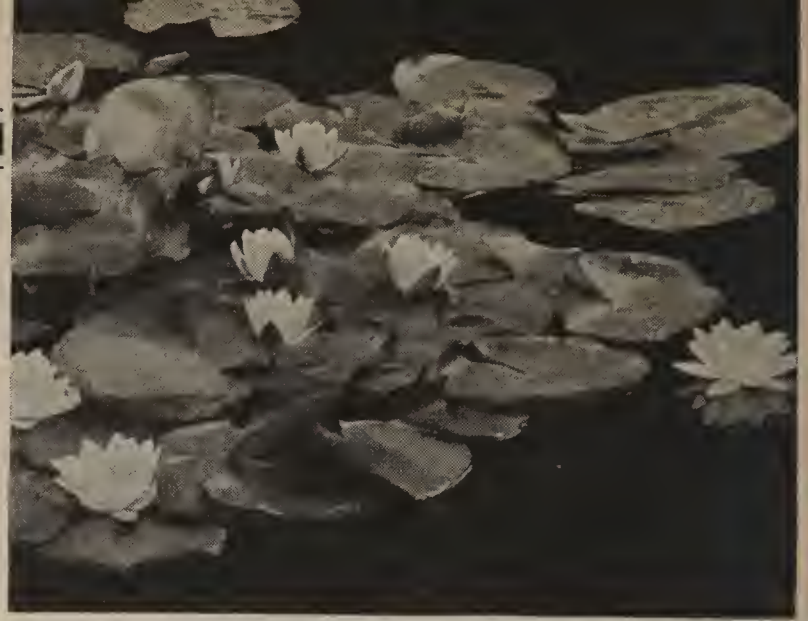
Rose Magnolia Each \$1.25

The blooms are borne well out of the water, which makes them desirable for cutting. They are usually 4 to 5 inches across and of a delightful shade of pink. Strong, vigorous grower.

Tuberosa Richardsani Each \$1.00

Flowers white and quite double. No variety in our Water Garden is admired more than this immense snowball-like flower. 8 inches in diameter.

Nymphaea, Frank Trelease



Marliacea Chromatella

Tuberosa rosea Each \$1.00
Flowers an exquisite shade of pink. A vigorous grower, of the easiest culture.

Tuberosa sulphurea Each \$1.00
A strong, rampant grower with large sulphur-yellow, sweet-scented flowers.

DAY-BLOOMING TROPICALS

Dauben Each \$1.00

The best known viviparous Lily. Produces small blue flowers in great profusion. The small leaf-plants frequently bloom while still attached to parent plant. Fine for tub or aquarium culture. A continuous bloomer.

General Pershing Each \$3.00

One of the finest novelties of recent years. Very large, fragrant flowers of pure, warm pink, unlike any other Day-blooming Water-lily. Very free-flowering and one of the most highly prized.

Mrs. Edward Whitaker Each \$2.50

The largest and most striking of the day-blooming tropical Lilies. Its blooms are frequently over a foot in diameter and are produced in quantity. The color is lavender-blue, which becomes paler as the bloom ages. Petals slightly rounded at the tips and quite numerous.

Mrs. George H. Pring Each \$1.50

A new and novel type that produces numbers of large, fragrant, white flowers with pointed petals.

Panama-Pacific Each \$2.50

Flowers deep royal purple, with yellow stamens. The buds are green-bronze flocked with red-brown, and the petals edged with red. Like the other viviparous Lilies, it blooms freely and perpetually in the proper environment. One of the best conservatory types.

Pennsylvania Each \$2.50

Deep blue flowers a foot across and produced freely; sepals marked with purple lines and dots. The leaves are slightly speckled with brown above; beneath, the ground-color is red-purple at the edge, shading to pale green centers. Desirable in a small pool or tub.

Zanzibariensis azurea Each \$1.50

Lovely, clear azure-blue flowers, freely produced.

NIGHT-BLOOMING TROPICALS

Dentata Each \$1.00

Flowers pure white, with golden yellow stamens. They are large and open out flat.

Devaniensis Each \$1.50

Bright rosy red. Several flowers, from 8 to 10 inches in diameter, are produced at one time, and carried on stems well above the foliage.

Frank Trelease Each \$1.50

Dark crimson, with deep reddish brown stems. Flowers are from 8 to 10 inches in diameter.

NELUMBIUMS - Lotus

Culture. Some as for Waterlilies.

For the center of pools, the varieties of Lotus are especially desirable as they contrast well with the lower-growing Waterlilies. If space is limited, they may be used as specimens in a large tub. They are not common, and therefore are always interesting.

Album grandiflorum Each \$2.00
(Magnolia Lotus). Pure white flower with delicate fragrance. Extra large foliage.

Luteum Each \$2.00

This variety, native to some of the states in the South and West, is commonly known as the Water Chinquapin or American Lotus. Flowers rich yellow.

Pekinensis rubrum plenum Each \$4.00

The full double flowers are bright rosy carmine and carried well above the foliage.

Speciosum Each \$2.00

The Sacred Lotus of the Nile. It grows well under almost all conditions. Both flowers and leaves stand well above the water. The rosy pink blooms are always large and fragrant.



Cotoneaster Horizontalis

AZALEA - Hardy Varieties

These plants, combining as they do the advantages of both evergreens and flowering shrubs, have deservedly won their way to the forefront of popularity. Once established, they remain for years, often for generations, becoming more beautiful, increasing in value, and assuming more distinct character with each passing season. For worth while permanent foundation plantings, for generous use in the natural landscape, and, properly placed, as individual specimens, they are unsurpassed.

Culture. Plant in full sun, in the south in light shade, in soil freely mixed with leaf mold and peat in about equal proportions. A yearly top dressing of well rotted stable manure or one pound of Wayside Gardens Plant Food scattered around each plant in the fall will help to produce abundant blooms. Remove faded flowers at once, do not let plants go to seed; never cultivate. Water freely in dry weather.

***Amoena** Each \$1.00, Doz. \$10.00
(Japanese Evergreen Azalea). A dwarf shrub with double purplish red flowers in May; is especially adapted for borders and rock gardens; needs some protection in northern latitudes. Should be planted in sheltered positions and will abundantly repay for any care given.

Calendulacea Each \$1.00, Doz. \$10.00
(Flame Azalea). Probably the most gorgeous of the native Azaleas. From early May until well into the month of June the plants are literally covered with orange-yellow or flame-red blooms which in size are often 2 inches across. Foliage remains good until late fall and breaks in the spring just before the blooms appear.

***Kaempferi** Each \$1.25, Doz. \$12.50
(Torch Azalea). One of the most popular, hardiest and most satisfactory of all; a vigorous grower, never failing to produce its orange-red flowers in May; excellent as a point of emphasis in the mixed shrubbery border.

***Mollis** 12-15 Inches Each \$1.00, Doz. \$10.00
15-18 inches Each \$1.50, Doz. \$15.00
(Chinese Azalea). Without exception the most colorful of all low-growing shrubs; in innumerable shades of orange-flame, and yellow; bushy plants offered in mixed colors only.

Mollis, Louisa Hunnewell Each \$1.80, Doz. \$18.00
Derived from a cross between Azalea Mollis and Azalea Japonica, this new variety is hardier than either parent and is more beautiful and floriferous. The huge clusters of brilliant, salmon-red flowers completely cover the plants while they are in bloom. One of the showiest.

Nudiflora Each \$1.00, Doz. \$10.00
(Pinxter Bloom). An extremely beautiful Azalea. Rosy pink or whitish blooms, after or before the foliage develops, of strong, sweet fragrance, and borne in great profusion at about the same time as A. Canescens. Fall foliage assumes attractive shades of orange and bronze. Fine for dry, open places.

Pontica Each \$1.50, Doz. \$15.00
These are also called the Hardy Ghent Azaleas; they have always been popular. The orange, pink, copper, salmon and yellow shades of their blooms you must see to appreciate their wonderful beauty. The lustrous leaves when young are covered with silky hair, and in autumn turn to dull red and brown.

Schlippenbachii Each \$1.00, Doz. \$10.00
(Royal Azalea). A vigorous plant 3 to 5 feet high, with very large showy flowers of pale rose-pink, the upper petals lightly spotted with brown. 10-12 inch selected clumps.

BERBERIS - Barberry

Thunbergii
(Japan Barberry). Where a dwarf deciduous hedge is wanted, nothing equals this beautiful Barberry. Requires but little pruning to keep its shape. The leaves are small, light green, and towards fall assume rich, brilliant colors, the fruit or berries become scarlet. Absolutely hardy. Plant 12 to 15 inches apart.

Extra strong 3-year-old plants, 24 to 30 inches high, Doz. \$4.00, 100 \$32.00, 1000 \$270.00.

Strong, bushy, 3-year-old plants, 18 to 24 inches high, Doz. \$3.00, 100 \$22.00, 1000 \$190.00.

BUDDLEIA FORTUNE - New Summer Lilac

PATENT APPLIED FOR

A 1936 INTRODUCTION BY WAYSIDE GARDENS

Most everyone is familiar with the Butterfly bush. Several varieties of it have been offered for a number of years. All of them had defects and many shortcomings. In Buddleia Fortune we believe we come very close to perfection. The bush or shrub is of very neat habit, about 4 feet high and 4 feet across. It possesses none of the undesirable wild and rough growing characteristics of the older varieties. The foliage of Buddleia Fortune is a deep, leathery, dark green. The color is pure lilac with a brilliant orange eye in each tiny flower, thousands of which make up the sprays which are from twelve to eighteen inches long. The flowers are produced in superabundance throughout the entire summer and autumn until stopped by frost. The flower sprays instead of being flat on one side as in the old varieties are fully round and in bloom from base to tip practically at the same time. The blooms of the older varieties are faded and brown at the bottom of the spray before the tips are in bloom. To see one of these plants in bloom is a sight worth while. The flowers may be cut with stems 2 to 3 feet long and last in water for several days which is not possible with older kinds. All of the old kinds wilt very quickly. Buddleia Fortune is a grand cut flower as well as a fine plant for the flower garden. This is the first year of its introduction and it can be had from Wayside Gardens only.

Strong plants that will bloom this summer, Each \$2.00.

COTONEASTER - Rock Spray

*Horizontalis

(Prostrate or Rock Cotoneaster). A low-growing shrub with almost horizontal branches covered with shiny dark green leaves. The fruit, which hangs on until spring, is bright red, giving the plant a wonderful appearance in the fall and winter. It is a most desirable plant for rock garden in front of shrubbery or at the base of steps near the front door.

Fine 6 inch pot plants, Each \$1.00, Doz. \$10.00, 100 \$75.00.
12-15 inch spread, Each \$0.75, Doz. \$8.00, 100 \$60.00.

ESPALIER OR TRAINED FRUIT TREES

In European countries, where space often is limited, it has long been the practice to grow trained fruit trees. Some of these trees are shaped so that they take no more space than a vine or a climbing rose, yet in gracefulness they far surpass these wall decorations. Trained fruit trees are not only highly ornamental but also very productive. Trees only three years old have been seen in our nurseries producing luscious fruit because they have been grown on the proper rootstock. Our trees will often produce fruit for you the first and almost always the second season after planting.

It is absolutely necessary that all dwarf trained fruit trees are grown on proper root system. Reports have come to us that since the United States placed an embargo on all Doucin apple stock importations, used in the growing of these trees, some gardeners are training ordinary standard apple trees into "espaliers." Needless to say that these trees will grow out of bounds in a few years' time. Our trees are grown on originally imported rootstock and all of our present and future plantings are and will be grown on the offsprings of this original understock.

Where the old type of "standard" fruit tree is cumbersome and takes up much valuable garden space, the trained dwarf tree produces an abundance of fruit and requires but little space. It is not at all impossible for a suburbanite to have a dozen different kinds of fruit around his home and at the same time have all the flowers desired. Trained trees are easily taken care of and will reward you handsomely for the little time devoted to them. They will grow in any exposure except north.

A special circular describing forms and varieties will be sent on request. Prices range from \$4.00 to \$25.00 each.

Espalier Fruit Trees





Herb Gardens

are

Fashionable as well as profitable gardens.

Add greatly to the joy of living!

*ANNUAL HERBS

- Angelica** (*Angelica officinalis*). Supposed to have Angelic healing virtues and used in flavorings. Very ornamental. **3 plants, 75c; per 12, \$2.00.**
- Alpine Savory.** See Calamint.
- American Pennyroyal** (*Mentha pulegium*). Leaves used medicinally and in seasoning. **3 plants, 75c; per 12, \$2.00.**
- ***Anise** (*Pimpinella anisum*). The seeds flavor pastries and confections while the leaves may be used in salads. **3 plants, 60c; per 12, \$1.50.**
- Apple Mint** (*Mentha rotundifolia*). The leaves are used to flavor drinks. **3 plants, \$1.05; per 12, \$2.40.**
- Beebalm** (*Monarda didyma*). The fragrant seeds scent a potpourri. **3 plants, 90c; per 12, \$2.40.**
- Black Snake-Root** (*Cimicifuga racemosa*). The root of this plant was used by the Indians to cure snake bites. **3 plants, 85c; per 12, \$2.50.**
- Balm** (*Melissa officinalis*). Leaves are used to flavor liqueurs. Also have medicinal properties. **3 plants, 75c; per 12, \$2.00.**
- ***Borage** (*Borago officinalis*). Flowers used in cordials and salads. **3 plants, 60c; per 12, \$1.50.**
- Calamint** (*Calamintha alpina*). Fragrant matlike plants used for ground-covers in sunny spots. **3 plants, 85c; per 12, \$2.50.**
- Camomile** (*Anthemis nobilis*). A soothing tea made from the dried flowers. **3 plants, 60c; per 12, \$1.50.**
- ***Caraway** (*Carum carvi*). Seeds used in breads, pastries and liqueurs. **3 plants, 60c; per 12, \$1.50.**
- Chive** (*Allium schoenoprasum*). Finely chopped leaves give a delicious flavor to hors d'oeuvres, and salads. **3 plants, 60c; per 12, \$1.50; per 100, \$12.00.**
- Citron Thyme** (*Thymus citriodorus*). Lemon-scented matlike plants. **3 plants, \$1.00; per 12, \$3.00.**
- Common Thyme** (*Thymus vulgaris*). Dried leaves season meat dishes, gravies and dressings; fresh leaves excellent in salads. **3 plants, 75c; per 12, \$2.00.**
- Clove Pink** (*Dianthus caryophyllus*). Flowers have been used to flavor wines and vinegar. **3 plants, 60c; per 12, \$1.50.**
- Common Hop** (*Humulus lupulus*). Flowers are the "hops" used in making beer. **3 plants, \$1.05; per 12, \$3.00.**
- Common Yarrow** (*Achillea millefolium*). Aromatic fernlike foliage. Found in medieval herb gardens. **3 plants, 85c; per 12, \$2.50.**
- ***Coriander** (*Coriandrum sativum*). Seeds are used in candies and cordials. **3 plants, 60c; per 12, \$1.50.**
- Cowslip** (*Primula veris*). Leaves and flowers flavor wines. **3 plants, \$1.00; per 12, \$3.00.**
- Crimson Thyme** (*Thymus s. coccineum*). Dense, fragrant mats for carpeting. **3 plants, \$1.00; per 12, \$3.00.**
- ***Dill** (*Anthem graveolens*). Seeds flavor "dill pickles." Leaves flavor fish sauces. **3 plants, 60c; per 12, \$1.50.**
- Fennel** (*Foeniculum vulgare*). Seeds are used to flavor fish sauces and the liqueur, l'ainsette. **3 plants, 60c; per 12, \$1.50.**
- Garden Heliotrope** (*Valeriana officinalis*). Fragrant plant of medieval herb gardens. **3 plants, \$1.00; per 12, \$3.00.**
- Gas Plant** (*Dictamnus alba*). Lemon-scented leaves and stems; dried leaves make a delicious tea. **3 plants, \$1.00; per 12, \$3.00.**
- Haarhound** (*Marrubium vulgare*). Dried leaves make a tea and remedial candy is made from the fresh leaves. **3 plants, 75c; per 12, \$2.00.**
- Hyssop** (*Hyssopus officinalis*). Leaves used for medicinal purposes and to season vegetables. A good edging plant. **3 plants, 75c; per 12, \$2.00.**
- Jupiter's Beard** (*Centranthus ruber*). A plant of medieval herb-gardens. **3 plants, 85c; per 12, \$2.50.**
- Lemon Geranium** (*Pelargonium limoneum*). Fragrant leaves used in potpourris. **3 plants, 90c; per 12, \$2.40.**
- Mother-of-Thyme** (*Thymus serpyllum*). Leaves used medicinally and for seasoning meat and fish sauces and stuffings. **3 plants, \$1.00; per 12, \$3.00.**
- Parsley** (*Petroselinum hortense*). Leaves commonly used to garnish meat and vegetable platters or to flavor soups. **3 plants, 60c; per 12, \$1.50; seeds per pkt., 20c.**
- Parsley, Hamburg Turnip.** This parsley forms a bulb root just below the surface of the ground which is cut up in small discs three-fourths of an inch square and used in soups to which it imparts a very delicate flavor. **3 plants, 60c; per 12, \$1.50.**
- Peppermint** (*Mentha piperita*). Leaves and tender tops may be infused in cooling drinks. **3 plants, 75c; per 12, \$2.00.**
- Periwinkle** (*Vinca minor*). A medicinal tea may be made of the leaves. **12 plants, \$1.25; per 100, \$7.00.**
- Pat Marjoram** (*Origanum vulgare*). Flowers are picked for potpourris. **3 plants, 75c; per 12, \$2.00.**
- Rose Geranium** (*Pelargonium graveolens*). Leaves flavor puddings and jellies. **3 plants, 90c; per 12, \$2.40.**
- Rosemary** (*Rosmarinus officinalis*). Fragrant leaves scent potpourris. **3 plants, 75c; per 12, \$2.40.**
- Rue** (*Ruta graveolens*). Bits of the pungent blue-green foliage may be used to flavor salads or vegetables, with discretion. **3 plants, 60c; per 12, \$1.50.**
- Sage** (*Salvia officinalis*). Dried leaves season meats, sausages, stuffings, and cheese. **3 plants, 75c; per 12, \$2.00; seeds per pkt., 20c.**
- Southernwood** (*Artemisia abrotanum*). Dried branches laid in wardrobes will keep moths away. **3 plants, \$1.00; per 12, \$3.00.**
- Spike Lavender** (*Lavandula spica*). Flowers are an ingredient of potpourris. **3 plants, 90c; per 12, \$2.40.**
- Scurvy Grass** (*Cochlearia officinalis*). Has anti-scorbutic qualities. Long recognized stimulant; diuretic, stomachic and laxative properties are ascribed to it. **3 plants 75c; per 12, \$2.00.**
- Sorrel, Monstrous Long Standing.** Both varieties are used as a vegetable. Boiled as spinach with currants and raisins added make a delicious but little known food; slightly lactic; freely used in Europe. A handful of sorrel leaves may also be boiled with spinach to which it imparts a slightly sour taste, eliminating the use of lemon or vinegar. **3 plants, 75c; per 12, \$2.00.**
- Sorrel** (*Brumen patientea*). **Broad-leaved Chambourcy.** **3 plants, 75c; 12 for \$2.00.**
- ***Savory, Summer Savory** (*Satureia hortensis*). Leaves and young shoots used to flavor soups, stews and vegetables, especially string beans. **3 plants, 90c; per 12, \$2.40.**
- Winter Savory** (*Satureia montana*). Leaves season meats, sausages, vegetable dishes and certain liqueurs. An excellent plant for edging borders. **3 plants, 90c; per 12, \$2.40.**
- Spearmint** (*Mentha spicata*). Fresh leaves used to flavor sauces and iced drinks, particularly juleps. **3 plants, 60c; per 12, \$1.50.**
- Spearmint, Variegated Lemon Scented.** Leaves golden variegated, very decorative. Slightly lemon-scented flavoring for iced drinks. **3 plants, 75c; per 12, \$2.00.**
- Spearmint, Anise-Flavored** (*Mentha spicata anisatus*). Small green leaves with delightful anise and mint flavor for iced drinks. **3 plants, 75c; per 12, \$2.00.**
- Spearmint, Crisp** (*Mentha crispa*). A dwarf mint with small pungent leaves, excellent mixed with lemonade. **3 plants, 75c; per 12, \$2.00.**
- Sweet Marjoram** (*Origanum majorana*). Fresh leaves season sausages, vegetable dishes and salads or scent potpourris. **3 plants, 75c; per 12, \$2.00.**
- Sweet Woodruff** (*Asperula odorata*). Hay-scented leaves used to flavor wines. The plant is a good ground-cover for shady places. **3 plants, 75c; per 12, \$2.00.**
- True Lavender** (*Lavandula officinalis*). Dried flowers commonly used for scenting linens and in potpourris. **3 plants, 90c; per 12, \$2.40.**
- Violet** (*Viola odorata*). Flowers are crystallized for candies and cakes or for scenting potpourris. **3 plants, 75c; per 12, \$2.00.**
- Watercress** (*Radicula nasturtium-aquaticum*). Spicy leaves flavor sandwiches and salads. Moist spots. **3 plants, 60c; per 12, \$1.50.**
- Watercress, American.** A hardy plant closely resembling the Watercress, but growing in any kind of garden soil, preferably, however, in a cool location. The dark green leaves have a pungent taste and are excellent for flavoring salads and sandwiches. **3 plants, 60c; per 12, \$1.50; per 100, \$12.00.**
- Wildbergamat** (*Monarda fistulosa*). Dried leaves may be used to brew a tea. **3 plants, 75c; per 12, \$2.00.**
- Woolly Yarrow** (*Achillea tomentosa*). Aromatic, fern-leaved plants for dry, sunny spots. **3 plants, \$1.00; per 12, \$3.00.**



Summer Bedding Plants

All annuals are grown from Sutton's Seeds. Since most of these plants are familiar to everybody, descriptions have been reduced to the minimum. Most of these plants are pot-grown and they

will be ready any time after May 1st. Shipped only east of the Mississippi.

	Doz.	100
AGERATUM, Little Blue Star. Choice dark blue..	\$1.25	\$ 9.00
ALYSSUM, Little Dorrit. Ideal for edging.....	1.50	10.00
ANTIRRHINUM. Snapdragon. Tall varieties, Bright Pink, Coral-Red, White, and Cloth of Gold	1.50	10.00
ASTERS50	3.50
Ostrich Plume. In miniature.		
Southgate Beauty. In miniature.		
BEGONIA, Gracilis. White, Red, and Pink.....	2.50	15.00
BEGONIA, TUBEROUS-ROOTED	4.00	30.00
Single- or Double-Flowered. In mixed colors.		
BROWALLIA speciosa major. Beautiful; perpetual flowering; bright violet-blue flowers.....	2.50	
CALENDULA	1.50	10.00
Sutton's Orange King and Lemon Queen.		
Chrysantho. Pure golden yellow.		
CARNATION, Marguerite, Finest Mixed	1.50	10.00
CELOSIA	1.50	10.00
Plumosa. Crimson or yellow.		
CENTAUREA (Cornflower)	1.50	10.00
Cyonus. Bachelor's Button. Blue, Pink, White.		
COBAEA scandens. Rapid climber. 12 feet.	2.00	15.00
COLEUS. Foliage crimson edged with green, gold- en yellow, crimson with golden edge, and crim- son	1.50	10.00
COSMOS, Midsummer Giants. Double White, Rose, and Crimson	1.50	10.00
Orange Flore	2.50	15.00
CYNOGLOSSUM, Sutton's Annual Blue. Chinese Forget-me-not. Blue flowers resembling Forget- me-not. 18 inches	1.50	10.00
DAHLIA, Coltness Hybrids. Mixed colors.....	2.50	18.00
DIDISCUS. Blue Lace Flower.....	1.50	10.00
DRACAENA indivisa. 5-inch pots, 75c each. Larger pots, \$1.00 each.		
FUCHSIA, Various Colors, Double and Single	3.00	20.00
HELIOTROPE, Royal Frogronce. Enormous heads of dark purple flowers; very fragrant.....	2.50	15.00
Old-Fashioned Sweet-Scented (Florence Night- ingale)	2.00	10.00
IVY.		
English. 4-inch pots, 50c each.....	5.00	
German. For hanging-pots or window-boxes..	1.50	
LANTANA. Deep Golden Yellow, Orange-Scarlet, Rosy Pink, and White.....	2.50	15.00
LARKSPUR, Annual. Blue, Salmon-Pink, White, and Pale Mauve.....	1.50	10.00
LEMON VERBENA. Fragrant foliage.....	2.50	18.00
LOBELIA	1.50	10.00
Cambridge Blue. Dwarf. Dark blue.		
MARGUERITE, White and Yellow	2.50	15.00
MARIGOLD	1.50	10.00
Sunburst. Lemon and orange.		
Dwarf French. Sutton's Diadem.		
Guinea Gold. Orange, flushed rose.		
MIGNONETTE, Sutton's Giant. Sweet-scented...	1.50	10.00
MORNING GLORY, Heavenly Blue. 50c each...	5.00	
NICOTIANA. Tobacco Plant.....	2.00	15.00
Crimson Bedder. Rich deep crimson.		
Miniature. Pure white, very sweet scented.		
PETUNIA.		
Ruffled Giants. Single; fine markings.....	1.50	10.00
Rosy Morn. Bright rosy pink.....	2.50	18.00
Balcony Blue. Deepest violet.....	2.50	18.00
Balcony White. Very free flowering.....	2.50	18.00
Double Mixed Fringed	2.50	18.00
PHLOX Drummondii. White, Yellow, Salmon-Rose, and Blue	1.50	10.00
SALPIGLOSSIS, Mixed Chelsoe Hybrids	2.50	15.00
SALVIA.		
Splendens, Banfire. Scarlet.....	1.50	10.00
Blue Beard. Deep blue.....	1.50	10.00



Cannos in Tubs for Porch Decoration.

	Doz.	100
SCABIOSA.		
Pink Gem	\$1.50	\$10.00
Superb Mixed	1.50	10.00
STOCKS	1.50	10.00
Sutton's Perfection. Cut-and-Come-Again. Mixed colors.		
TORENIA Fournieri. Dwarf blue; for edging.....	1.50	10.00
VERBENA, Mommoth. Pink, White, Blue.....	1.50	10.00
Beauty of Oxford. Splendid carmine. 25c each.	2.50	
VINCA.		
Major variegato. Periwinkle. Variegated-leaved trailer for vases and boxes. 4-inch pots. 40c each	3.50	25.00
ZINNIA.		
Sutton's Giant. White, Pink, Yellow, and Scarlet	1.50	10.00
Sutton's Dwarf Mixed	1.50	10.00

Cannas

Prices from 3-inch pots, \$2.50 per doz.; \$15.00 per 100.

- City of Portland.** Deep rose-pink. Green foliage. 3½ ft.
- Eureka.** Large white flowers. Green foliage. 4 ft.
- Golden Eagle.** Golden yellow. Green foliage. 4 ft.
- Jersey Rose.** Glossy clear old rose. Green foliage. 3½ ft.
- King Humbert.** Orange-scarlet. Bronze foliage. 5 ft.
- Mary Thilow.** Pale rosy salmon. Bronze foliage. 4 ft.
- The President.** Enormous scarlet flowers. Green foliage. 4 ft.

Geraniums

Prices from 4-inch pots, \$3.00 per doz.; \$20.00 per 100.

- Alphonse Ricard.** Semi-double; bright vermilion-scarlet.
- Beaute Poitevine.** Semi-double; light salmon-pink.
- La Favarite.** The finest double white; continuous bloomer.
- Mme. Sollerai.** Variegated-leaved; dwarf, for edging.
- Rodio Red.** Double; dazzling, dark scarlet.
- Rycraft's Surprise.** Ivy-leaved; clear rose-pink.
- Sweet-Scented.** Rose and lemon. These fragrant-leaved plants should be in every garden, large or small.

Summer Flowering Bulbs

Listed in Seed Catalog

For the convenience of customers we are giving here an alphabetical list of all the bulbs which are offered and fully described in our seed catalog which was sent to you a few days ago.

AMARYLLIS HIPPEASTRUM

Giant American Hybrid Each \$0.75, Doz. \$8.00

ANEMONES

Giant French Poppy Doz. \$0.85 100 \$6.00

BEGONIAS

Single Flowering Varieties Each \$0.25, Doz. \$2.50

Double Flowering Varieties Each \$0.25, Doz. \$2.50

CALLA

Golden Yellow (Richardia Elliottiana) Each \$0.40, Doz. \$4.00

FANCY-LEAVED CALADIUM

Fancy-Leaved Mixed Varieties. Each \$0.40, Doz. \$4.00

HYACINTHUS CANDICANS

Cape Hyacinth Doz. \$1.20, 100 \$8.00

ISMENE

Calathina Grandiflora Each \$0.30, Doz. \$2.00

TIGRIDIA

Shell flower of Mexico. Mixed. Large Bulbs Doz. \$1.50, 100 \$12.00

TUBEROSE

Double Pearl Doz. \$0.80, 100 \$6.00

ZEPHYRANTHES

Zephyr Flower or Fairy Lilies
Alba Doz. \$0.75, 100 \$5.00
Rosea Doz. \$1.60, 100 \$12.00

MONTBRETIA

EARLHAM LARGE-FLOWERED HYBRIDS—STANDARD VARIETIES

Goldfinch Three \$0.60, Doz. \$1.60
Hereward Three \$0.55, Doz. \$1.50
King Edmund Three \$0.55, Doz. \$1.50
Lady Hamilton Three \$0.55, Doz. \$1.50
Lord Nelson Three \$0.55, Doz. \$1.50
Marjorie Three \$0.60, Doz. \$1.60

EARLHAM LARGE-FLOWERED HYBRIDS—GIANT-FLOWERED VARIETIES

His Majesty Three \$1.00, Doz. \$3.00
Princess Three \$0.85, Doz. \$2.50
Prometheus Three \$1.00, Doz. \$3.00
Queen Alexandra Three \$0.85, Doz. \$2.50
Star of the East Three \$1.40, Doz. \$4.00
Una Three \$0.85, Doz. \$2.50

LILIES

*Auratum Large bulbs 9-11 in. circum. Each \$0.30, Doz. \$3.00
Mam. bulbs 11-13 in. circum. Each \$0.40, Doz. \$4.00

*Auratum platyphyllum Large bulbs 9-11 in. circum. Each \$0.40, Doz. \$4.00
Mam. bulbs 11-13 in. circum. Each \$0.50, Doz. \$5.00

*Auratum pictum Each \$0.50, Doz. \$5.00
Backhouse Hybrid lilies in Mixture Each \$3.50, Doz. \$35.00

*Batemaniae Each \$0.30, Doz. \$3.00
*Browni Each \$0.65, Doz. \$6.50
*Carolinianum Each \$0.35, Doz. \$3.50
*Canadense Each \$0.20, Doz. \$2.00
*Canadense flavum Each \$0.20, Doz. \$2.00

*Candidum Each \$1.00, Doz. \$9.00
*Chalcedonicum Each \$0.40, Doz. \$4.00
*Croceum (Irish Orangeman Lily) Each \$0.40, Doz. \$4.00

*Davuricum (See Umbellatum).
*Elegans, Mixed Colors Each \$0.25, Doz. \$2.50
*Elegans atrosanguineum Each \$0.30, Doz. \$3.00
*Elegans, Orange Queen Each \$0.30, Doz. \$3.00

Giganteum himalaicum Each \$2.25
*Grayl Each \$0.35, Doz. \$3.50
*Hansoni Each \$0.40, Doz. \$4.00
*Henryi Each \$0.40, Doz. \$4.00
*Humboldt magnificum Each \$0.55, Doz. \$5.50
*Japonicum (Formerly listed as Krameri). Each \$0.35, Doz. \$3.50

*Martagon Each \$0.40, Doz. \$4.00
Martagon album Each \$1.00
Monadelphum szovitzianum

Each \$0.75, Doz. \$7.50
*Pardalinum californicum Each \$0.30, Doz. \$3.00
*Philadelphicum Each \$0.20, Doz. \$2.00

*Philippinense formosanum Each \$0.90, Doz. \$9.00
*Pyrenaicum aureum Each \$0.40, Doz. \$4.00
*Rubellum Each \$0.75, Doz. \$7.50

*Sargentiae
*Speciosum
*Speciosum album Large bulbs 8-9 in. circum. Each \$0.35, Doz. \$3.50
Mam. bulbs 9-11 in. circum. Each \$0.45, Doz. \$4.50

*Speciosum magnificum Large bulbs 9-11 in. circum. Each \$0.30, Doz. \$3.00
Mam. bulbs 11-13 in. circum. Each \$0.40, Doz. \$4.00

*Speciosum Melpomene Large bulbs 9-11 in. circum. Each \$0.35, Doz. \$3.50
Mam. bulbs 11-14 in. circum. Each \$0.45, Doz. \$4.50

*Superbum Each \$0.20, Doz. \$2.00
*Tenuifolium Each \$0.20, Doz. \$2.00

Tenuifolium, Golden Gleam Each \$0.40, Doz. \$4.00

*Testaceum (Excelsum)
*Tigrinum splendens Each \$0.25, Doz. \$2.50
*Tigrinum flore plena Each \$0.25, Doz. \$2.50

Umbellatum, Apricot
Umbellatum, Golden Fleece Each \$1.25, Doz. \$12.50

*Umbellatum grandiflorum Each \$0.25, Doz. \$2.50

*Umbellatum, Mahogany Each \$0.40, Doz. \$4.00
*Wallacei Each \$0.45, Doz. \$4.50

*Washingtonianum Each \$0.65, Doz. \$6.50
*Willmattiae Each \$0.60, Doz. \$6.00

LILIUM CANDIDUM (Madonna Lily)
*Specially Hardy Russian Stock Each Doz.
First size bulbs.....\$0.35 \$3.50
Large size bulbs......45 4.50
Mammoth size bulbs..... .55 5.50

TWO LILIES FOR INDOOR GROWING

*Longiflorum Harris Each Doz.
Extra bulbs\$0.30 \$3.30
Mammoth bulbs50 5.00

*Longiflorum giganteum Each \$0.40, Doz. \$4.00

TWO EXCEPTIONALLY FINE GARDEN LILIES

*Philippinense formosanum Each \$0.30, Doz. \$3.00

*Testaceum Each Doz.
Top size bulbs.....\$1.00 \$10.00
Fine first size bulbs..... .75 7.50

LILIUM REGALE Doz. 100
Flowering bulbs, 4-5 inches... \$1.25 \$8.00

Each Doz.
Flowering bulbs, 5-6 inches... .15 1.50
Flowering bulbs, 6-7 inches... .25 2.00
Flowering bulbs, 7-8 inches... .35 3.00
Flowering bulbs, 8-9 inches... .40 4.00
Flowering bulbs, 9-11 inches... .60 5.75
Flowering bulbs, 11 inches and up.70 7.00

GLADIOLUS

Albatros Doz. \$1.15, 100 \$8.00
Annie Laurie Doz. \$0.50, 100 \$4.00
Ave Maria Doz. \$0.85, 100 \$6.00
Bagdad Doz. \$3.50, 100 \$25.00
Betty Nuthall Doz. \$1.50, 100 \$11.00
Dr. F. E. Bennett Doz. \$0.85, 100 \$6.00
Bill Sowden Doz. \$2.25, 100 \$16.00
Blue Danube Doz. \$3.00, 100 \$22.00
Canberra Doz. \$1.65, 100 \$11.50
Cammander Kaehl Doz. \$1.00, 100 \$8.00
Coryphee Doz. \$1.00, 100 \$7.50
E. J. Shaylor Doz. \$0.75, 100 \$6.00
Giant Nymph Doz. \$0.60, 100 \$4.00
Golden Dream Doz. \$0.80, 100 \$6.00
Golden Measure Doz. \$0.50, 100 \$4.00
La Paloma Doz. \$1.00, 100 \$7.00
Longfellow Doz. \$0.75, 100 \$5.00
Los Angeles Doz. \$0.60, 100 \$4.00
Mammoth White Doz. \$1.00, 100 \$8.00
Marmora Doz. \$1.00, 100 \$7.50
Minuet Doz. \$1.25, 100 \$9.00
Mrs. Frank Pendleton Doz. \$0.80, 100 \$6.00
Mrs. Frederick C. Peters Doz. \$0.75, 100 \$5.50
Mrs. Leon Douglas Doz. \$0.80, 100 \$6.00
Mrs. P. W. Sissan Doz. \$0.80, 100 \$6.00
Mrs. Van Kanyenburg Doz. \$1.50, 100 \$10.00
Nancy Hanks Doz. \$1.50, 100 \$10.00
Orange Queen Doz. \$0.70, 100 \$5.00

Pelegrina Doz. \$3.00, 100 \$20.00
Persia Doz. \$1.50, 100 \$10.00
Picardy Doz. \$2.00, 100 \$12.00
Red Phipps Doz. \$2.50, 100 \$15.00
W. H. Phipps Doz. \$0.80, 100 \$6.00
Salbach's Pink Doz. \$1.40, 100 \$10.00
Souvenir Doz. \$0.70, 100 \$5.00
The Orchid Doz. \$1.00, 100 \$7.00
Veilchenblau Doz. \$0.65, 100 \$5.00
Large-Flowered Exhibition Mixture Doz. \$0.60, 100 \$4.00
Primulinus Exhibition Mixture Doz. \$0.60, 100 \$4.00

CACTUS AND DECORATIVE DAHLIAS

Avalon Each \$0.25
Ballego's Glory Each \$0.75
Blue Jersey Each \$0.75
City of Trentan Each \$0.50
Dahliadel Gold Each \$5.00
Dorcas Ann Each \$5.00
Dwight W. Morrow Each \$1.50
Edna Ferber Each \$0.75
Elite Glory Each \$0.50
Emanuel's Beauty Each \$0.50
Fort Monmouth Each \$0.50
Fort Washington Each \$0.50
Francis Larocco Each \$0.35
Frau O. Bracht Each \$1.50
Golden Eclipse Each \$2.00
Golden Sonne Each \$0.50
Kathleen Norris Each \$0.75
Kemp's Violet Wonder Each \$0.50
Kentucky Each \$0.50
Kentucky Red Each \$1.00
Marshall's Pink Each \$0.35
Miss Elsie Jane Each \$3.00
Monmouth Champion Each \$0.75
Mrs. I. de Ver Warner Each \$0.35
Myra Howard Each \$1.50
Good Night Each \$0.75
Graf Zeppelin Each \$0.50
Ida Perkins Each \$0.50
James Kirby Each \$1.00
Jane Cawl Each \$0.50
Jean Kerr Each \$0.25
Jersey's Beacon Each \$0.35
Jersey's Beauty Each \$0.35
Josephine G. Each \$0.50
Kentucky Each \$0.50
Omar Khayyam Each \$0.75
Paul Pfitzer Each \$2.00
Robert Emmet Each \$3.00
Sagamore Each \$0.35
Sagamore Gold Each \$0.50
Satan Each \$2.00
Shahrazad Each \$1.00
The World Each \$0.50
Thomas A. Edison Each \$0.75
Treasure Island Each \$0.75
Waldheim Sunshine Each \$1.00
White King Each \$0.75
White Wonder Each \$1.50

POMPON DAHLIAS
Amber Queen Each \$0.25
Belle of Springfield Each \$0.25
Bronze Beauty Each \$0.25
Catherine Each \$0.30
Edith Muller Each \$0.75
Indian Chief Each \$0.30
Lavender Gem Each \$0.30
Pink Beauty Each \$0.25
Roodhouth Each \$0.30
Snowclad Each \$0.25

COLLARETTE DAHLIAS
Mitzi Each \$1.00

SINGLE DAHLIAS
Doris Each \$0.25
Garnet Poinsettia Each \$0.25
James Weller Each \$0.25
Scarlet Century Each \$0.35

MINIATURE DAHLIAS
Blue Bird Each \$0.50
Jean Each \$1.00
Jerry Each \$0.75
Little Jewel Each \$0.35
Pink Pearl Each \$1.00

ORCHID FLOWERING DAHLIAS
Everest Each \$0.75
Buttercup Each \$0.50
Mavis Each \$0.50

Why Wayside Nurseries are at Mentor, Ohio



The spot where today our nurseries are located was at one time part of Lake Erie. The receding of the lake to lower levels ages ago left on its south shore a great variety of soils. On the two hundred or more acre garden cultivated by Wayside, are found seven distinct and absolutely different soils.

It is because of this unique condition that we are able to so successfully raise the greatest possible variety of plants. A hardy plant nursery so scientifically laid out is to our knowledge not found anywhere else in this country.

NOVELTIES

We never offer novelties that are untried and unproven. Every new thing we offer is, in a sense, old to us, because of having first stood the rigid test we demand. Further, goodly quantities are always grown before these novelties are offered for sale, giving the customer the benefit of quantity production.

WHEN TO ORDER

Early ordering is essential because early planting and successful results go hand in hand. Plant as soon as the soil in your garden is in a workable condition. Transplant plants while they are dormant. There is always a severe shock if transplanting is done when plants have long, green tops.

COMPLAINTS

An error is occasionally made during rush periods. We therefore, suggest that you check over plants immediately upon receipt. If any plants or bulbs have been damaged while in transit or if shortages occur, notify us promptly, and correction will be made immediately, or new stock sent without charge for that which is damaged.

SHIPPING DIRECTIONS

All plants and bulbs will be shipped at the proper time for planting. If there is a special date on which you would like to receive the plants, mention it on the order blank and shipment will be made in time to have plants arrive on or about the day specified. Shipments will be made by parcel post or express at our option, unless specific shipping instructions are received with order.

SHIPMENTS TO CANADA—The Canadian Government requires a special permit for bulbs and plants. Canadian clients may obtain a permit number from the Secretary, Destructive Insect and Pest Act Advisory Board, Ottawa. This permit number should appear on the order.

QUALITY OF STOCK OFFERED

Our plants are all grown in open nursery fields for two years or more, are given constant care and cultivation and when sent out are hardy, strong, well-developed, nursery-grown specimens with excellent roots, ready to give immediate results. Pot plants are never shipped except in those cases where such plants are ordered that cannot be transplanted successfully except from pots.

We do not divide our plants before shipping, but send the entire plant as dug from the nursery, except in rare cases and only then because it is necessary to get best results.

NO STORAGE PLANTS SHIPPED

No plants are carried in storage cellars or warehouses. Each order is dug fresh from the field and stock is shipped immediately after it has been poked, that same day. In other words, there is no loss of vitality.

It is this class of stock and careful service that has made Wayside Gardens the best known and most reliable nursery for hardy plants and rock plants in this country.

GUARANTEE

We guarantee that every bulb or plant we ship is first class in every respect and absolutely true to name. We further guarantee that they will bloom for you the first season **if you will but give them reasonable care.**

Of course, you would not expect us to replace plants lost in your garden through carelessness or lack of knowledge. Nor would you expect us to assume any responsibility for losses caused by uncontrollable weather conditions.

We do, however, guarantee safe arrival, in good condition, at all points within the United States. Any not so arriving, we will at once cheerfully replace without cost to you.

REMITTANCES

These may be made whichever way is most convenient to you. Please write the amount remitted upon the order. Your remittance and your order will be acknowledged at once when received. All orders under \$6.00 are strictly cash with order.

We shall be very glad to open charge accounts when desired; in this case please send bank or trade references with your order. All charge accounts are due the first day of the month following date of purchase.

C. O. D.—We do not like to send plants or other perishable goods collect on delivery, and do so only at your risk.

TRANSPORTATION CHARGES

It is impossible to predetermine the size and weight of field-grown plants, therefore, all transportation charges are paid by the customer and are not included in the price as is usually done for seeds.

Do not include any extra money for transportation with your remittance, we will send you notice of the correct amount at time of delivery.

PLANT EXPLORATION
AND INTRODUCTION

Rec'd FEB 18 1936 ★

Answered

HARDY PLANTS *by*
Wayside Gardens



ROOT STRENGTH

1936